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; TYPE: DNA
, ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-47
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US-09-377-309-76/c
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                                                                                                      US-09-377-309-76
                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Condon, Tom P.
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
FILE REPERENCE: ISPH-0390
CURRENT APPLICATION NUMBER: US/09/377,309B
CURRENT FILING DATE: 1999-08-19
EARLIER APPLICATION NUMBER: 09/166,203
EARLIER FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 99
SEQ ID NO 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 37
LENGTH: 20
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Best Local Similarity 80.0%;
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Best Local Similarity
                                                 Query Match
Best Local Similarity
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                                     Matches
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CURRENT APPLICATION NUMBER: US/09/657,481A
CURRENT FILING DATE: 2000-09-07
CURRENT FILING DATE: 93
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Brett P. M. APPLICANT: Lex M. Cowsert
                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                        ENGTH: 20
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   6540 TAGGATATCTGTAAGGCTGG 6559
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RTS-0087
                                                 0.2%;
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Pred. No. 2.3e+03;
                                 Score 13.6; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 4;
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Pred. No. 2.3e+03;
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RESULT 2563
US-08-090-369-12/c
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US-08-090-369-12
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                                                                                                                                                                Sequence 31, Application US/09247190 Patent No. 6261804 GENERAL INFORMATION:
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APPLICANT: Fong, T.M.
APPLICANT: Huang, R-R. C.
APPLICANT: Strader, C.D.
TITLE OF INVENTION: Human Neurokinin-3 Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPDY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/090,369
APPLICANT: SZOBLAK, JACK W.
APPLICANT: ROBERTE, Richard W.
APPLICANT: Liu, Rihe
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
TITLE OF INVENTION: FUSIONS
TILE REFERENCE: 00786/350005
CURRENT APPLICATION NUMBER: US/09/247,190
CURRENT FILING DATE: 1999-02-09
EARLIER APPLICATION NUMBER: 60/035,963
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (908) 594-4720
INFORMATION FOR SEQ ID NO: 11
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION NUMBER:
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ADDRESSEE: Merck & Co.,
STREET: P.O. Box 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 18
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-3904
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                                                                                                                                                                                                                                                                                                                                                                                    Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Thies, J. E. REGISTRATION NUMBER: P-35,382
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Similarity 80.0%;
16; Conservative
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Pred. No. 2.3e+03.
0; Mismatches '
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US-08-943-731-513
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US-09-487-368A-131
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Best Local Similarity 80.0%;
Matches 16; Conservative
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                              Sequence 513, App. 86265157
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EARLIER FILING DATE: 1997-11-06
EARLIER APPLICATION UNMER: 09/007,005
EARLIER FILING DATE: 1998-01-14
NUMBER OF SEQ ID NOS: 38
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 31
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CURRENT APPLICATION NUMBER: US/09/487,368A
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Lex M. Cowse:
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANT
                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION
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                                          APPLICANT: LARSON, ANDREA W.
APPLICANT: PACK, MICHAEL
APPLICANT: COLIGE, ALAIN
APPLICANT: COLIGE, ALAIN
APPLICANT: KORKKO, JARMO
APPLICANT: KORKKO, JARMO
APPLICANT: ALA-KOKKO, LEENA, et al.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
NUMBER OF SEQUENCES: 666
CORRESPONDENCE ADDRESS.
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                   CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH S
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SPOTILA, LORETTA D.
DELTAS, CONSTANTINOS D.
SEREDA, LARISA
INDECON NICERIA.
3: PANITCH SCHWARZE JACOBS & NADEL, P.C. ONE COMMERCE SQUARE, 2005 MARKET STREET,
                                                                                                                                                                                                                                                                                                                                     Application US/08943731
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Pred. No. 2.3e+03;
0; Mismatches 4
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Pred. No. 2.3e+03;
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Patent No. 6265189
GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserva
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APPLICATION NUMBER: US 08/212,322

FILING DATE: 14-MAR-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/803,628

APPLICATION NUMBER: US 07/803,628

APPLICATION NUMBER: 03-DEC-1991

ATTORNEY/ACENT INFORMATION:

NAME: DOYLE LEARY Ph.D., KATHRYN

REGISTRATION NUMBER: 36,317
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,736
FILLING DATE: 02-JUN-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 215-567-2991
TELEX: 831-494
INFORMATION FOR SEQ ID NO:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA;
                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford STREET: 530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 95
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-965-1284
                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY NUMBER OF SEQUENCES: 217
                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
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LENGTH: 20 base pairs
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STATE: NY
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CLASSIFICATION:
                                                                                                                                                                            COUNTRY: U
ZIP: 10036
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FILING DATE: 03-OCT-1997
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                                                                                                                                                                                              USA
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Pred. No. 2.3e+03;
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                                                                                   Version #1.25
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                                                                                                                                                                                                         US-09-489-868A-60/C
                                                                                                                                                                                                                          RESULT 2569
                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Antisense Oligonucleotide US-09-489-868A-49
          CURRENT APPLICATION NUMBER: US/09/489,868A
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 49
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 49, Application US/09489868A Patent No. 6265216 GENERAL INFORWATION:
                                                                                                                                                         Sequence 60, Application US/09489868A Patent No. 6265216 GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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EQ ID NO 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF THE ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
                                                                                                          APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 425066CURTMS
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                      FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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FILING DATE: 19-JAN-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                              Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20 base pairs
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16; Conserv
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Pred. No. 2.3e+03;
0; Mismatches 4;
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Pred. No. 2.3e+03;
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; OTHER INFORMATION: Antisense Oligonucleotide US-09-489-868A-60
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                                                                                                                                 US-09-085-273-5
                                                                                                                                                                                                                            FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Frommer Esq., William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-333
TELEPAX: (212) 840-333
TELEPAX: (212) 840-315
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity
Matches 16; Conserv
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APPLICANT: Paolett
APPLICANT: Pincus,
APPLICANT: Cox, Wi
                                                               Matches
                                                                                             Query Match
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                                                                               Best Local
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
ODERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: RECOMBINANT POXVIRUS - CYTOMEGALOVIRUS, TITLE OF INVENTION: COMPOSITIONS AND USES NUMBER OF SEQUENCES: 176
                                                                                                                                                 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/085,273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
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                                6425 GTGGCCTCCTATTTAGCTAA 6444
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                                                                                                                                                                                            nucleic acid
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GCGGCCGCCTAATTAACTAA 1
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Cox, William I.
Kauffman, Elizal
                                                                                                                                                                                                                  20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     United States of America
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                                                                   Conservative
                                                                                                                                               DNA (genomic)
                                                                                                                                                                              single
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80.0%; Pred. No. 2.3e+03;
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                                                               0.2%; Score 13.6; DB 1;
80.0%; Pred. No. 2.3e+03;
tive 0; Mismatches 4
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                                                                                                  DB 1;
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US-09-428-583-70/c ; Sequence 70, Application US/09428583 ; Patent No. 6271029

RESULT 2571

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TYPE: DNA
FORGANISM: Artificial Sequence
FEATURE:
FOTHER INFORMATION: Antisense Ol
US-09-428-583-70
                                                                   Sequence 160, Application US/09593711A
Patent No. 6271030
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
FILE REFERENCE: RTS-0118
CURRENT APPLICATION NUMBER: US/09/593,711A
CURRENT APPLICATION NUMBER: US/09/593,711A
CURRENT FILING DATE: 2000-06-14
NUMBER OF SEQ ID NOS: 244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: RTS-0118
CURRENT APPLICATION NUMBER: US/09/593,711A
CURRENT FILING DATE: 2000-06-14
NUMBER OF SEQ ID NOS: 244
SEQ ID NO 155
LENGTH: 20
SEQ ID NO 160
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local (
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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APPLICANT: Lex M. Coweert
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-2 EXPRESSION
FILE REFERENCE: RTS-0096
CURRENT APPLICATION NUMBER: US/09/428,583
CURRENT FILLING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PPLICANT: Jacqueline Wyatt
TILE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
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Madeline M. Butl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.2%; Score 13.6; DB 1;
80.0%; Pred. No. 2.3e+03;
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Pred. No. 2.3e+C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-430-035-2/c
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US-08-836-031-2/c
US-09-430-035-2
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APPLICANT: Peponnet, Christine
APPLICANT: Peponnet, Christine
TITLE OF INVENTION: PROCESS FOR THE SOLID-PHASE AMPLIFICATION OF NUCLEIC ACIDS
TITLE OF INVENTION: WHICH IS USSETH FOR CARRYING OUT THIS PROCESS
FILE REFERENCE: P60963US0
CURRENT APPLICATION NUMBER: US/08/836,031
CURRENT FILING DATE: 1997-07-11
EARLIER APPLICATION NUMBER: PCT/FR95/01422
EARLIER FILING DATE: 10-27-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 16; Conser
                                                                                                            SOFTWARE: FastSEQ for Windows Version 3
SEQ ID NO 2
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/09430035 Patent No. 6277604
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Best Local Similarity 80.0%;
Matches 16; Conservative
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: GENSET

APPLICANT: Peponnet, Christine
APPLICANT: Peponnet, Christine
TITLE OF INVENTION: PROCESS FOR THE SOLID-PHASE
TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS AND REAGENT KIT WHICH IS
TITLE OF INVENTION: USEFUL FOR CARRYING OUT THIS PROCESS
                                                                                                                                                                            EARLIER FILING DATE: 1995-10-27
EARLIER APPLICATION NUMBER: 08/836,031
EARLIER FILING DATE: 1997-07-11
NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                                                                    EARLIER APPLICATION NUMBER: FR94/12972
EARLIER FILING DATE: 1994-10-28
EARLIER APPLICATION NUMBER: PCT/FR95/01422
                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 9710-018-999
CURRENT APPLICATION NUMBER: US/09/430,035
CURRENT FILING DATE: 1999-10-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     EARLIER APPLICATION NUMBER: 94 12972 EARLIER FILING DATE: 10-28-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial
FEATURE:
                                                             TYPE: DNA ORGANISM: Artificial Sequence
                       OTHER INFORMATION: Primer
                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1610 AGAACTTCACAGACCAGCTG 1629
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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GENERAL INFORMATION:

APPLICANT: ROBERTS, Richard W.

APPLICANT: ROBERTS, Richard W.

APPLICANT: L1u, Riche

TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN

TITLE OF INVENTION: FUSIONS

FILE REFERENCE: 00786/350007

CURRENT APPLICATION NUMBER: US/09/244,796

CURRENT APPLICATION NUMBER: 60/035,963

EARLIER APPLICATION NUMBER: 60/035,963

EARLIER APPLICATION NUMBER: 60/04,491

EARLIER APPLICATION NUMBER: 09/007,005

EARLIER APPLICATION NUMBER: 09/007,005

EARLIER APPLICATION NUMBER: 09/007,005

EARLIER FILING DATE: 1998-01-14

NUMBER OF SED ID NOS: 33

SOPTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 31

LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                         US-09-322-360-4
                                                                                                                                                                                                                                                                                                                                    Sequence 4, Application US/09322360
Patent No. 6297050
GENERAL INFORMATION:
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Best Local Similarity
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Best Local S
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Patent No. 6281344
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch,
                                                                                                                                                                                                                                                     TITLE OF INVENTION: Isolated Nucleic Acid Molecules
TITLE OF INVENTION: Coding For Tumor Rejection Antigen Precursors DAGE
TITLE OF INVENTION: Uses Thereof
                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                            COMPUTER: IBM PS/
OPERATING SYSTEM:
                                                                                                                                                                                   STREET:
                                                                                                                                  COUNTRY:
 APPLICATION NUMBER:
                                                                                                                                                                                                     ADDRESSEE:
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              TWARE: Wordperfect
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666 Fifth Avenue
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                                                                IBM PS/2
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US/09/322,360
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Pred. No. 2.
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Pred. No. 2.3e+03;
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                                                                                 1.44 Mb
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                                                                                                                                                                   US-09-484-617-137/c
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Hong Zhang
APPLICANT: Lex M. COWSETT
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
FILE REFERENCE: RTS-0103
CURRENT PILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 93
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                             GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                       Matches
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Best Local Similarity
                                                                                                                              Sequence 137, Application US/09484617 Patent No. 6303374
                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO: 
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
              TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION FILE REFERENCE: RTS-0103
CURRENT APPLICATION NUMBER: US/09/484,617
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
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REFERENCE/DOCKET NUMBER: LU
TELECOMMUNICATION INFORMATION:
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CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
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Pred. No. 2
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Pred. No. 2.3e+03
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US-08-890-865A-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/484,617
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 151
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                             Sequence 5, Application US/08890865A Patent No. 6307019
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Antisense Oligonucleotide -09-484-617-137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Hong Zhang
APPLICANT: Lex M. Coweert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
FILE REFERENCE: RTS-0103
                                                                                                                                                                                                                                     APPLICANT: CONSTANTINI, FINANCIANT ZENG, LI
TITLE OF INVENTION: AXIN GENE AND USES THEREOF
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH: 20
                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                            ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
ATTORNEY/AGENT INFORMATION:
           APPLICATION NUMBER: US/08/890,865A
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity 80.0%; les 16; Conservative
                                                                                                                                                                                               CITY: New York
STATE: New York
                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                 STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   7385 GTACAGTTCCTTCTGAAGCA 7404
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1185 Avenue of the Americas
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Pred. No. 2.
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Pred. No. 2.3e+03
0; Mismatches
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RESULT 2582
US-09-354-138-5/c
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                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,379
FILING DATE: 07-UN-1995
APPLICATION NUMBER: US 08/416,646
FILING DATE: 05-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/224,657
FILING DATE: 16-APR-1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (212)391-0526
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Taylor, Jill
APPLICANT: Gettig, Russell
TITLE OF INVENTION: POXVIRUS
TITLE OF INVENTION: RECOMBIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                APPLICATION NUMBER: US 07/776,867
FILING DATE: 23-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/621,614
FILING DATE: 30-NOV-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 28,678
REFERENCE/DOCKST NUMBER: 05
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                           APPLICATION NUMBER: US 01 FILING DATE: 08-JUN-1993 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.2%;
Local Similarity 80.0%;
nes 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
APPLICATION NUMBER: FILING DATE: 31-AU
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: New York
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: United States of America
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (212)391-0526
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         POXVIRUS - CANINE DISTEMPER VIRUS (CDV)
RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
RECOMBINANTS
                 US 07/938,283
                                                                                                                                                                                   US 08/073,962
                                                                                                                                                                                                                                                                                                                                                                                                              US/09/354,138
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); Mismatches
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Pred. No. 2.
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US-09-290-452-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-290-452-5
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                                                                                                                          RESULT 2584
US-09-290-452-22
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FILING DATE: 11-JUN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07,666,056
RILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-286(
REFERENCE/DOCKET NUMBER: 454310-286(
REFERENCE/DOCKET NUMBER: 125,506
REFERENCE/DOCKET NUMBER: 454310-286(
REFERENCE/DOCKET NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-286(
REFERENCE/DOCKET NUMBER: 25,506
REFERENCE
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Patent No. 6309833
GENERAL INFORMATION:
APPLICANT: Norenberg, Michael I.
APPLICANT: Edman, Lorelei P.
APPLICANT: Edman, Carl P.
APPLICANT: Carrino, John
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID
TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
TITLE OF INVENTION: STRUCTURES
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Sequence 22, Application US/09290452 Patent No. 6309833 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.2%; Score 13.6; DB 1; Length 20; Best Local Similarity 80.0%; Pred. No. 2.3e+03; Matches 16; Conservative 0; Mismatches 4; Indels
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CURRENT APPLICATION NUMBER: US/09/290,452
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                  ACTACAGTGACGTGGACATC 20
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; ORGANISM: human
US-09-290-452-22
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US-09-364-416-63
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CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 22
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 63, Application US/09364416
Patent No. 6312900
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation of
TITLE OF INVENTION: Activating Protein 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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APPLICANT: Westin, Lorelei P.

APPLICANT: Edman, Carl F.

APPLICANT: Carrino, John

TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID

TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC

TITLE OF INVENTION: STRUCTURES
                                                                                                  TELEPHONE: (609) 810-153
TELEPAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: (
SEQUENCE CHARACTERISTICS:
LENGTH: 20
LENGTH: 20
                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/364,416
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201
FILING DATE: APRIL 14, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 241/109
                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: INCH
COMPUTER: WINDOWS 95
SOFTWARE: WORDDERFECT 6.1
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 00
                      ANTI-SENSE:
                                                                                                                                                                                                                                    NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,2
REFERENCE/DOCKET NUMBER:
                                                              TYPE: Nucleic Acid
STRANDEDNESS: Sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
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                                          Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Law Offices of Jane Massey Licata
                                                                                                                                                                                              (609) 810-1515
                                                              Single
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US-09-101-126-10
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US-09-364-416-75
Sequence 10, Application US/09101126
PATENT NO. 6316216
GENERAL INFORMATION:
APPLICANT: OHTO, CHIKARA
APPLICANT: NISHINO, TOKUZO
APPLICANT: NISHINO, TOKUZO
APPLICANT: OHNUMA, SHINICHI
                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                      Query Match
Best Local :
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Miraglia; Brenda F. Baker
APPLICANT: Miraglia; Brenda F. Baker
                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201
FILING DATE: April 14, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: WINDOWS SOFTWARE: WORDPERFECT 6.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation
TITLE OF INVENTION: Activating Protein 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/364,416 FILING DATE:
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Similarity 80.0%;
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                                                                                                                                                                                                                                                                                                                                                    Linear
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Pred. No. 2.3e+03;
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Pred. No. 2.
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GENERAL INFORMATION:

APPLICANT: Nerenberg, Michael I.
APPLICANT: Edman, Carl F.
TITLE OF INVENTION: ELECTRONICALLY MEDIATED
TITLE OF INVENTION: AMPLIFICATION IN NASBA
FILE REFERENCE: 238/072
CURRENT APPLICATION NUMBER: US/09/290,338
CURRENT FILLING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62

NUCLEIC ACID

SOFTWARE: FastSEQ for Windows Version 3.0

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APPLICANT: HIROOKA, KAZUTAKE
ITITLE OF INVENTION: MUTAYED PRENYL DIPHOSPHATE SYNTHASES
FILE REFERENCE: 77670/566
CURRENT APPLICATION NUMBER: US/09/101,126
CURRENT FILING DATE: 1999-04-27
EARLIER APPLICATION NUMBER: PCT/JP97/03921
EARLIER FILING DATE: 1997-10-29
EARLIER PILING DATE: 1997-10-29
EARLIER APPLICATION NUMBER: JP 8-307506
EARLIER APPLICATION NUMBER: JP 8-307506
EARLIER FILING DATE: 1996-11-05
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Brett P. Monia
APPLICANT: Robert McKay
APPLICANT: Modeline M. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION
FILE REFERENCE: RTS-0115
CURRENT APPLICATION NUMBER: US/09/488,856A
CURRENT FILLING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 15
LENGTH: 20
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US-09-290-338-5
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US-09-488-856A-15/c
US-09-488-856A-15/c
; Sequence 15, Application US/09488856A
; Patent No. 6316259
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide US-09-488-856A-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 16; Conserv
Sequence 5, Application US/09290338 Patent No. 6326173
                                                                                                                                                                                           Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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Sequence 22, Application US/09290338

Patent No. 6326173

GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Edman, Carl F.
TITLE OF INVENTION: ELECTRONICALLY MEDIATED NUCLEIC ACID
TITLE OF INVENTION: AMPLIFICATION IN NASBA
FILE REFERENCE: 238/072
CURRENT APPLICATION NUMBER: US/09/290,338
CURRENT FILING DATB: 1999-04-12
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 22
LENGTH: 20
                                                                                                                                  APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Imm
TITLE OF INVENTION: Therapeutic Protocols
FILE REFERENCE: C1039/7009
CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR PILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 85
SOPTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 77
SEQ ID NO 77
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; ORGANISM: human
US-09-290-338-22
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
                                    US-09-082-649B-77
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Best Local Similarity
Matches 16; Conser
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 77, Application US/09082649B Patent No. 6339068
Query Match
                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Davis, Heather L.
APPLICANT: Krieg, Arthur M.
APPLICANT: Schorr, Joachim
                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
                                                                                                                               ENGTH: 20
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Pred. No. 2.
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Pred. No. 2.3e+03;
Score 13.6; DB 1;
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Length 20;
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APPLICANT: Schorr, Joachim
APPLICANT: Wu, Tong
ITITLE OF INVENTION: Vectors and Methods for Immunization or
ITITLE OF INVENTION: Therapeutic Protocols
FILE REFERENCE: C1039/7009
CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR PRILING DATE: 1997-05-20
INUMBER OF SEQ ID NOS: 85
COPTEANDE: PRACESEO for Windows Version 3.0
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US-09-082-649B-77/c
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                                                                                                             OTHER INFORMATION: Antisense oligonucleotide US-09-488-074-3
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SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 3, Application US/09488074
Patent No. 6339071
GENERAL INFORMATION:
                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 3
LENGTH: 20
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APPLICANT: Krieg,
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                                  Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                        TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATING
TITLE OF INVENTION: CYCLIN B GENE EXPRESSION AND THERAPEUTIC USES THEREOF
FILE REFERENCE: 12168-3US
CURRENT APPLICATION NUMBER: US/09/488,074
CURRENT FILING DATE: 2000-01-20
EARLIER APPLICATION NUMBER: US 60/140,446
EARLIER FILING DATE: 1999-06-23
                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: LEVESQUE, Luc
                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Match 0.2%;
Local Similarity 80.0%;
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2844 GTGCCACCCAAATCCAGAGG 2863
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Krieg, Arthur M.
Schorr, Joachim
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                                  0.2%;
ilarity 80.0%;
Conservative
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                                      0
                                                     Score 13.6; DB 1;
Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
0; Mismatches 4
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0; Mismatches 4
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                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
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                                                                        Length
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                                        Indels
                                                                            20;
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                                      Gaps
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Buttitta, Fiamma; Smith, Gilbert

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NAME/KEY: PCR primer; SEQUENCE DESCRIPTION: SEQ ID NO: US-09-131-831B-4
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                                                                                                                               RESULT 2595
US-09-378-842-29
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GENERAL INFORMATION:
                                                                                                 Sequence 29,
Patent No. 6
                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                       Query Match 0.2%;
Best Local Similarity 80.0%;
                                                                           GENERAL INFORMATION:
                   APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 4
 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/809,999
PILING DATE: 9-April-1997
APPLICATION NUMBER: 08/316,231
PILING DATE: 30-September-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/131,831B
FILING DATE: 11-Aug-1998
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Palleur, Thierry
TITLE OF INVENTION: Isolated Nucleic Acid Molecules
Coding For Tumor Rejection Antigen Precursors DAGE and
                                                                                                                                                                                                                                                2748 GGTTCACCAGGATACTCTGC 2767
                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Coulie, Pierre; Ikeda, Hideyuki; Boon-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20
                                                                                               9, Application US/09378842
6342392
                                                                                                                                                                                                                GGTGCTGCAGGAGACTCTGC 20
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Hanson, No. 6339149man D. REGISTRATION NUMBER: 30,946 REFERENCE/DOCKET NUMBER: LUD 5386.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 666 Fifth A CITY: New York City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (212)
TELEFAX: (212) 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Fulbright & Jaworski L.L.P.
The Government of the United States of America as represented by the Secretary, Department of Health and Human Services; Callahan, Robert; Marchetti,
                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
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                                                                                                                                                                                                                                                                                                         Score 13.6; DB 1;
Pred. No. 2.3e+03;
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                                                                                                                                                                                                                                                                                                                           DB 1; Length 20;
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                                                                                                                                                                                                                                                                                                             Sequence 12, Application US/09482971 Patent No. 6348330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
COUNTRY: USA
COUNTRY: USA
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.2%;
Best Local Similarity 80.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/378,842
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/875,847
FILING DATE: 09-FEB-1996
APPLICATION NUMBER: 08/385,998
FILING DATE: 09-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: William S. Feiler
                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (212) 751-68-
TELEX: 421792
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Antonio; I
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4179PCT
TELECOMMUNICATION INPORMATION:
TELEPHONE: (212) 758-4800
                                                                                                                                                                                      NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                         APPLICANT: Fong, T.M.
APPLICANT: Huang, R.R. C.
APPLICANT: Strader, C.D.
TITLE OF INVENTION: Human Neurokinin-3 Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MS WORD 97
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
                                                                                                                                  STREET: P.O. CITY: Rahway
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STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
TOPOLOGY: lir
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                                                                                                                                                   E: Merck & Co.,
P.O. Box 2000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (212) 751-6849
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Nucleotide And Deduced
Amino Acid Sequences Of A New Tumor Gene,
Int6, And the Use Of Reagents Derived From
                                                                                                                                                                                                            20
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                                                                                                                                                                         Inc.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 13.6; DB 1;
Pred. No. 2.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 20;
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EARLIER APPLICATION NUMBER: 07/715,196
EARLIER APPLICATION NUMBER: 07/958,134
EARLIER APPLICATION NUMBER: 07/958,134
EARLIER APPLICATION NUMBER: 08/007,996
EARLIER APPLICATION NUMBER: 08/007,996
EARLIER FILING DATE: 1993-01-21
EARLIER APPLICATION NUMBER: 07/703,619
EARLIER APPLICATION NUMBER: 08/040,903
EARLIER APPLICATION NUMBER: 08/040,903
EARLIER APPLICATION NUMBER: 07/040,526
EARLIER APPLICATION NUMBER: 07/040,526
EARLIER APPLICATION NUMBER: 08/174,379
EARLIER FILING DATE: 1987-04-20
EARLIER FILING DATE: 1987-12-28
EARLIER FILING DATE: 1993-03-31
EARLIER FILING DATE: 1993-03-31
EARLIER FILING DATE: 1993-03-31
EARLIER FILING DATE: 1993-03-31
EARLIER APPLICATION NUMBER: 08/040,933
EARLIER APPLICATION NUMBER: 08/040,933
EARLIER APPLICATION NUMBER: 08/040,933
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NAME: Thies, J. E.

REGISTRATION NUMBER: P-35,382
REFERENCE/DOCKET NUMBER: 18685
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-3904
TELEPHONE: (908) 594-4720
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 20, Application US/09248386
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Monia, Brett P
APPLICANT: Freier, Susan M
APPLICANT: Sanghvi, Yogesh S
APPLICANT: Cook, Phillip D
APPLICANT: Ecker, David J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: ISIS3350
CURRENT APPLICATION NUMBER: US/09/248,386
CURRENT FILING DATE: 1999-01-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          09-248-386-20/c
                                                                                                                                                                                                                                                                                                                                                                                                                                 EARLIER FILING DATE: 1997-04-30
EARLIER APPLICATION NUMBER: 07/411,734
EARLIER FILING DATE: 1989-09-25
EARLIER APPLICATION NUMBER: PCT/US93/09346
EARLIER FILING DATE: 1993-10-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and TITLE OF INVENTION: Alternating Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          BARLIER APPLICATION NUMBER: 08/848,840
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2037 TATCACAGCAGTGGTAGGCA 2056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0
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EARLIER APPLICATION NUMBER: 08/039,979
EARLIER FILING DATE: 1993-03-30
EARLIER APPLICATION NUMBER: 08/395,168
EARLIER APPLICATION NUMBER: 09/395,168
EARLIER FILING DATE: 1995-02-27
EARLIER APPLICATION NUMBER: 07/814,961
EARLIER APPLICATION NUMBER: 08/244,93
EARLIER APPLICATION NUMBER: 08/244,93
EARLIER APPLICATION NUMBER: 08/468,037
EARLIER FILING DATE: 1994-06-21
EARLIER FILING DATE: 1995-06-06
NUMBER: 09 SEQ ID NOS: 33
SOPTWARE: PATENTIN Ver: 2.1
SEQ ID NO 20
ILENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: INCOMMENTING: Description of Artificial Sequence
                                                        GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE
FILE REFERENCE: RTS-0149
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; LENGTH: 20
; TYPE: DNA
; CARGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 2598
                                                                                                                                                                                                                              US-09-561-497-42
                                                                                                                                                                                                                                               RESULT 2599
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APPLICANT: Brenda F. Baker
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0149
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Sequence 20, Appr-
Sequence 20, Appr-
No. 6372433
                                                                                                                                                                                Sequence 42, Application US/09561497
Patent No. 6372433
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SEQ ID NO 20
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CURRENT APPLICATION NUMBER: US/09/561,497
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/561,497
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 88
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mes 16; Conservat
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Similarity 80.0%;
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                                                                                 ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03
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GENERAL INFORMATION:

APPLICANT: Photence Guignard

APPLICANT: Philip M. Murphy

APPLICANT: Christophe Combadiere

APPLICANT: H. Lee Tiffany

IITLE OF INVENTION: FUNCTIONAL PROMOTER FOR CCR5

FILE REFERENCE: 14014.0332

CURRENT APPLICATION NUMBER: US/09/177,437

CURRENT APPLICATION NUMBER: 05/05,934

EARLIER APPLICATION NUMBER: 60/05,934

EARLIER FILING DATE: 1997-10-23

NUMBER OF SEQ ID NOS: 12
                                    ; OTHER INFORMATION: Description of Artificial
; OTHER INFORMATION: synthetic construct
US-09-177-437-6
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-42
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                                                                                                                                               SOFTWARE: Fa
SEQ ID NO 6
LENGTH: 20
 Query Match
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Best Local Similarity
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/732,199A
CURRENT FILING DATE: 2000-12-06
NUMBER OF SEQ ID NOS: 57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2,
TITLE OF INVENTION: EXPRESSION
                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH: 20
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                                                                                                                                                                                     FastSEQ for Windows Version 3.0
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 Score 13.6;
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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                                                                        Sequence:/No. 6383746e
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Length 20;
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US-09-588-950A-6
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US-09-702-246-73
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                                                                                                                    ; OTHER INFORMATION: US-09-588-950A-6
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Best Local Similarity 80.0%;
Matches 16; Conservative
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 20
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LENGTH: 20
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GENERAL INFORMATION:
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Matches 16; Conserv
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APPLICANT: Makino, Yoshihiko
APPLICANT: Abe, Yoshihiko
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                                                         Matches
                                                                       Query Match
Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6, Application US/09588950A
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                       APPLICANT: Takenaka, Shigeori
APPLICANT: Yamashita, Kenichi
TITLE OP INVENTION: Protection of Partial Complementary Nucleic
TITLE OP INVENTION: Electroconductive Chip and Intercalator
FILE REFERENCE: JG-YY-4980/500569.20039
CURRENT APPLICATION NUMBER: US/09/588,950A
CURRENT FILING DATE: 2000-06-07
PRIOR APPLICATION NUMBER: Japan 11-159339
PRIOR FILING DATE: 1999-06-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/702,246
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-1 EXPRESSION
FILE REFERENCE: RTS-0195
                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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OTHER INFORMATION: Antisense Oligonucleotide
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                         4464 TTTTTTTTTTTTTTTT 4483
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NO. 6383809
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Takagi, Makoto
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                                                         Conservative
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                                                                       Score 13.6; DB 1;
Pred. No. 2.3e+03;
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Pred. No. 2.
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                                                            Mismatches
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                                                                                    Length 20
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RESULT 2605
US-09-844-634-54/c
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; ANTI-SENSE:
US-09-135-202-17
                                                                          SEQ ID NO 54
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 13; Conserv
                                                                                                                                                                                                                                                                               Sequence 54, Application US/09844634
Patent No. 6410324
                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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Patent No. 6399754
GENERAL INFORMATION:
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PEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-844-634-54
                                                                                                                              CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
                                                                                                                                                                                     APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS:
FILE REFERENCE: RTS-0216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH LUCCI
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diak, 720
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WOrdPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
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APPLICANT: Andrew Kawasski
TITLE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                              6538 CATAGGATATCTGTAAGGCT 6557
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One Liberty Place - 46th Floor
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215-568-3439
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ilarity 65.0%;
Conservative
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    Mismatches

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Pred. No. 2.3e+03;
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US-09-844-634-96
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Best Local S
Matches 16
                                                                                                                                                                                                                APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0216
CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 96
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Sequence 96, App. --
No. 6410324
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Best Local Similarity
Matches '16;" Conserv
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                                                            Matches
                                                                         Query Match 0.2%;
Best Local Similarity 80.0%;
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Patent No. 6410324
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Andrew T. Watt
TITLB OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS
FILE REFERENCE: RTS-0216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: C. Frank Bennett APPLICANT: Andrew T. Watt
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILING DATE: 2001-04-27
                                                                                                                                                                                       TYPE: DNA
                                                                                                                                        OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                        FEATURE:
                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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                             5808 CTGTCTGCCTATGTGATGAT 5827
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20 CTGTCTGCCTATGGAGTGCT 1
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Pred. No. 2.3e
0; Mismatches
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Pred. No. 2
                                                                             Score 13.6; DB 1
Pred. No. 2.3e+03
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                                                                                        Length
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RESULT 2608 US-09-506-073-46

GENERAL INFORMATION:

Sequence 46, Application US/09506073 Patent No. 6410518

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CURRENT APPLICATION NUMBER: US/09/506,073
CURRENT FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILING DATE: 1998-08-28
EARLIER FILING DATE: 1998-07-06
EARLIER FILING DATE: 1998-07-06
EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER APPLICATION NUMBER: US 08/756,806
EARLIER APPLICATION NUMBER: US 08/756,806
EARLIER FILING DATE: 1996-11-26
EARLIER FILING DATE: 1996-5-31
EARLIER FILING DATE: 1995-05-31
EARLIER APPLICATION NUMBER: US 08/250,856
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CURRENT FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILING DATE: 1998-08-28
EARLIER FILING DATE: 1998-07-06
EARLIER FILING DATE: 1998-07-06
EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER APPLICATION NUMBER: US 08/756,806
EARLIER APPLICATION NUMBER: US 08/756,806
EARLIER APPLICATION NUMBER: PCT/US95/07111
EARLIER APPLICATION NUMBER: PCT/US95/07111
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                                                                                                                                                                                ; OTHER INFORMATION: antisense sequence US-09-506-073-61
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                                                                                                                                                                                                                                                                        SEQ ID NO 61
LENGTH: 20
TYPE: DNA
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Best Local Similarity
Matches 16; Conserv
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LENGTH: 20
                                                                                                             Query Match
Best Local Similarity
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OTHER INFORMATION: antisense sequence
0-09-506-073-46
                                                                                          Matches
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TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
                                                                                                                                                                                                                                                                                                                                                                  EARLIER FILING DATE: 1995-05-31
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER FILING DATE: 1994-05-31
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                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                  ORGANISM: artificial sequence
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                                          4648 GAATTTCCTCTTTGAGGAGC 4667
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  GAATTITGTCTTCCAGGAGC 1
                                                                                        Conservative
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80.0%; Pred. No. 2.3e+03;
                                                                                     Score 13.6; D. Pred. No. 2.3e 0; Mismatches
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US-09-506-073-71
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CURRENT FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILING DATE: 1998-08-28
EARLIER FILING DATE: 1998-07-06
EARLIER FILING DATE: 1998-07-06
EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER FILING DATE: 1997-07-07
EARLIER FILING DATE: 1997-07-07
EARLIER FILING DATE: 1996-11-26
EARLIER FILING DATE: 1996-11-26
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER FILING DATE: 1994-05-31
                                                                                                                                                          US-09-817-856-9
                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/817,856
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
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Best Local Similarity 80.0%;
Matches 16; Conservative
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LENGTH: 20
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                                                                            Matches
                                                                                                                 Query Match
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                                                                                                Best
                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Louis J. Elsas II
APPLICANT: K. Muralidharan
TITLE OF INVENTION: MOLECULAR DIAGNOSTICS FOR GALACTOSEMIA
FILE REFERENCE: 05010.0079
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                                                                                                                                                                                             ORGANISM: Homo sapiens
                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence:/No. 6420550e
                                                                          Local Similarity
nes 16; Conserv
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WA 641051
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                                     1307 CCACAGCTAGATCCGCTCCA 1326
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                                                                            Conservative
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                                                                            Score 13.6; DB 1
Pred. No. 2.3e+03
0; Mismatches
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Pred. No. 2.3e+03;
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RESULT 2613
US-09-657-452A-53
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US-09-487-792-42
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Ballinger, Dennis G.
APPLICANT: Montgomery, Julie R.
TITLE OF INVENTION: Growth Factor Antagonist Materials and Methods
FILE REFERENCE: 28110/35878
CURRENT FILING DATE: 1998-08-06
UNMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 16; Conserv
                                                                                                                    Sequence 42, Application US/09487792
Patent No. 6433145
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Keratinocyte Derived Interferon
FILE REFERENCE: PF402P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/657,452A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 53
LENGTH: 20
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Patent No. 6423682
GENERAL INFORMATION:
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Best Local Similarity 80.0%;
Matches 16; Conservative
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               CURRENT APPLICATION NUMBER: US/09/487,792
CURRENT FILING DATE: 2000-01-20
EARLIER APPLICATION NUMBER: 60/093,643
EARLIER FILING DATE: 1998-07-21
EARLIER APPLICATION NUMBER: PCT/US99/16424
EARLIER FILING DATE: 1999-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
FILE REFERENCE: RTS-0125
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UMBER OF
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ORGANISM: Artificial Sequence
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SEQ ID NOS: 5
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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; LENGTH: 20
; TYPE: DNA
; CRGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-175-37
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US-09-487-792-42
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APPLICANT: Robert M.
APPLICANT: Susan M.
APPLICANT: Jacqueli
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CURRENT FILING DATE: 2000-09-14
EARLIER APPLICATION NUMBER: 60/154,546
EARLIER FILING DATE: 1999-09-17
NUMBER OF SEQ ID NOS: 68
SEQ ID NO 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 6435909
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan F. Murray
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
FILE REFERENCE: 15PH-0498
FILE REFERENCE: 15PH-0498
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                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/780,175
CURRENT FILING DATE: 2001-02-08
NUMBER OF SEQ ID NOS: 154
SEQ ID NO 37
Query Match
Best Local Similarity
Matches 16; Conserv
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Patent No. 6436909
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Best Local Similarity
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FILE REFERENCE: RT
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                                                                                                                                                                                                                                                                                                      Robert McKay
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 Conservative
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               0.2%;
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Pred. No. 2.3e+03;
0; Mismatches
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 0;
               Score 13.6; DB 1;
Pred. No. 2.3e+03;
 Mismatches
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3099 CACAGTGCTAAAGACTCATG 3118

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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-35
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SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-09-907-843-70
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Best Local Similarity
Varches 16; Conserve
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              GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0279
                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
FILE REFERENCE: RTS-0279
FULE REFERENT APPLICATION NUMBER: US/09/907,843
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 35
LENGTH: 20
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Patent No. 6440739
GENERAL INFORMATION:
APPLITANT:
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Best Local S
Matches 16
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                                                                                                         Sequence 70, Application US/09907843 Patent No. 6440739
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APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
FILE REFERENCE: RTS-0.164
CURRENT APPLICATION NUMBER: US/09/780,175
CURRENT FILING DATE: 2001-02-08
CURRENT APPLICATION NUMBER: US/09/907,843
                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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80.0%; Pred. No. 2.
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Pred. No. 2
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2.3e+03;
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2.3e+03;
                                    GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
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RESULT 2621
US-09-791-211-75
; Sequence 75, Application US/09791211
; Patent No. 6448080
; GENERAL INFORMATION:
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US-09-470-443-90
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NUMBER OF SEQ ID NOS: 8
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
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APPLICANT: Lerman, Wichael I.
APPLICANT: Minna, John D.
APPLICANT: Latif, Farida
APPLICANT: Wei, Ming-Hui
APPLICANT: Sekido, Yoshitaka
APPLICANT: Gao, Boning
APPLICANT: Duh, Fuh-Mei
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof FILE REFERENCE: NIH-05043
CURRENT PLLICATION NUMBER: US/09/470,443
CURRENT FILING DATE: 1999-12-22
EARLIER APPLICATION NUMBER: 60/114,359
EARLIER FILING DATE: 1998-12-30
NUMBER OF SEQ ID NOS: 114
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 90
LENGTH: 20
                                              NUMBER OF SEQ ID NOS:
SEQ ID NO 75
LENGTH: 20
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Patent No. 64411
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Best Local Similarity
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                                                                                  APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION
FILE REFERENCE: RTS-0205
CURRENT APPLICATION NUMBER: US/09/791,211
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
FEATURE:
                ORGANISM: Artificial Sequence
                                   TYPE: DNA
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Pred. No. 2.3e+03;
0; Mismatches 4;
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Pred. No. 2.3e+03;
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                                                                                                                          ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-57
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PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 57
LENGTH: 20
TYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 82, Application US/09851062
Patent No. 6448081
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
FILE REFERENCE: RTS-0247
CURRENT APPLICATION NUMBER: US/09/851,062
CURRENT FILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 82
LENGTH: 20
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Matches 16; Conserv
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                                                                             Query Match
Best Local
                                                              Matches
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CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
                                                                                                                                                                                                                                                                                                                                     APPLICANT: Ian Popoff
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
                                                                           Local Similarity
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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RESULT 2624

APPLICANT: APPLICANT: APPLICANT: APPLICANT:

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Egholm, Michael
Kiely, John
Griffin, Michael
Coull, James M.
Neilsen, Peter
Buchardt, Ole
Dueholm, Kim L.

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Sequence 274, Application US/09517467B

Sequence 274, Application US/09517467B

Patent No. 6451602

GENERAL INFORMATION:

APPLICANT: Ian Popoff

APPLICANT: Lex M. Cowsert

TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION

FILE REFERENCE: RTS-0150

CURRENT FILLING DATE: 2001-03-02

PRIOR APPLICATION NUMBER: 09/517,467

PRIOR APPLICATION NUMBER: 09/517,467

PRIOR FILING DATE: 2000-03-02

NUMBER OF SEQ ID NOS: 345

SEQ ID NO 274

LENGTH: 20

ORGANISM: Artificial Sequence

FEATURE: DNA

ORGANISM: Artificial Sequence
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                                                         RESULT 2626
US-08-275-951-27/c
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US-09-517-467B-125
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APPLICANT: Lex M. COWSET
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: RTS-0150
CURRENT PILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR TILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 125
LENGTH: 20
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GENERAL INFORMATION:
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Patent No. 6451968 GENERAL INFORMATION:
                      Sequence 27, Application US/08275951 Patent No. 6451968
                                                                                                                                                                                                                 Query Match
Best Local Similarity 80.0
Matches 16; Conservative
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ORGANISM: Artificial Sequence
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03;
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RESULT 2627
US-08-275-951-28/c
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APPLICANT: Neilen, Kim L.
APPLICANT: Buchardt, Ole
APPLICANT: Ducholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Ac:
FILE REFERENCE: ISIS.15.77
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR FILING DATE: 1993-11-22
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SEQ ID NO 27
LENGTH: 20
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APPLICANT: Egholm,
APPLICANT: Kiely,
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: PCT/EP92/0:
PRIOR FILING DATE: 1992-05-22
PRIOR APPLICATION NUMBER: 986/91
PRIOR FILING DATE: 1991-05-22
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CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR FILING DATE: 1993-11-22
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TITLE OF INVENTION: Linked Peptide Nucleic
                                                                                                                                          PRIOR APPLICATION NUMBER: 08/088,661
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: PCT/EP92/0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence NAME/KEY: misc feature LOCATION: (10)..(11)
OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
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                                                                                                    APPLICATION NUMBER:
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APPLICATION
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Kiely, John
Griffin, Michael
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                    NUMBER:
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80.0%; Pred. No. 2.3e+03;
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                                                                                                                                               PCT/EP92/01219
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US-08-275-951-29/c
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FILE REFERENCE: ISIS1577

CURRENT APPLICATION NUMBER: US/08/275,951

CURRENT FILING DATE: 1994-07-15

PRIOR APPLICATION NUMBER: 08/108,591

PRIOR FILING DATE: 1993-11-22

PRIOR FILING DATE: 1993-07-02

PRIOR APPLICATION NUMBER: 08/088,661

PRIOR APPLICATION NUMBER: 08/088,661

PRIOR FILING DATE: 1993-07-02

PRIOR FILING DATE: 1993-07-02

PRIOR APPLICATION NUMBER: DCT/EP92/01219

PRIOR APPLICATION NUMBER: 986/91

PRIOR APPLICATION NUMBER: 986/91

PRIOR APPLICATION NUMBER: 986/91

PRIOR APPLICATION NUMBER: 986/91

PRIOR FILING DATE: 1991-05-22

PRIOR FILING DATE: 1991-05-22

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SOFTWARE: Par
; SEQ ID NO 28
; SEQTH: 20
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SEQ ID NO 29
LENGTH: 20
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Best Local Similarity 80.0%;
Matches 16; Conservative
Query Match 0.2%;
Best Local Similarity 80.0%;
Matches 16; Conservative
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APPLICANT:
APPLICANT:
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic
                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence NAME/KEY: misc feature LOCATION: (10)...(11) OTHER INFORMATION: Lysine, Amino Hexynoic Acid, Lysine, Amino OTHER INFORMATION: Hexynoic Acid, Lysine Linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: (10)...(11)
OTHER INFORMATION: Lysine, Amino Cis-hexenoic Acid, Lysine,
OTHER INFORMATION: Cis-hexenoic Acid, Lysine Linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20
TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 1991-
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Griffin, Michael
Coull, James M.
Neilsen, Peter
Buchardt, Ole
Dueholm, Kim L.
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                                                                                                                                                                                                                                                                                                                                                                                  1991-04-15
                                                                                                                                                                                                                                                                                                                                                                                                                              1991-05-24
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Score 13.6; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 4;
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Pred. No. 2.3e+03;
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4013 AAATGAGAAAAAAGAGAGAA 4032

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RESULT 2630
US-08-275-951-63/c
; Sequence 63, Application US/08275951
Frant No. 6451968
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US-08-275-951-30/c
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CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR PILING DATE: 1993-07-02
PRIOR PILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR PILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 9CT/EP92/01219
PRIOR APPLICATION NUMBER: 986/91
PRIOR APPLICATION NUMBER: 986/91
PRIOR FILING DATE: 1991-05-22
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                                                          APPLICANT: Egholm, Micha
APPLICANT: Kiely, John
APPLICANT: Griffin, Micha
APPLICANT: Gruil, James
APPLICANT: Neilsen, Pete
APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.2%;
Best Local Similarity 80.0%;
Matches 16; Conservative
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LENGTH: 20
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APPLICANT:
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SOFTWARE: Patentin V
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APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic
FILE REFERENCE: ISIS1577
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 510/92
PRIOR FILING DATE: 1991-04-15
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PRIOR FILING DATE: 1991-05-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE: FEATURE: OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence NAME/KEY: misc_feature LOCATION: (10)...(11)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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              Coull, James M.
Neilsen, Peter
Buchardt, Ole
Dueholm, Kim L.
Christensen, Leif
CNEISTON: Linked Peptide Nucleic Acids
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Kiely, John
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ISIS1577
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Pred. No. 2.3e+03;
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RESULT 2632 US-09-920-672-33

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APPLICANT: Cook, Phillip D.
APPLICANT: Monia, Brett
APPLICANT: Monia, Brett
APPLICANT: Martin, Pierre
APPLICANT: Altman, Karl-Heinz
TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides
FILE REFERENCE: ISNOON83
CURRENT APPLICATION NUMBER: US/08/802,331
CURRENT FILLING DATE: 1997-02-11
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patentin version 3.1
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: No. 6451991el Sequence
US-08-802-331-22
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PRIOR APPLICATION NUMBER: PCT/EP92,
PRIOR FILING DATE: 1992-05-22
PRIOR APPLICATION NUMBER: 986/91
PRIOR FILING DATE: 1991-05-22
PRIOR APPLICATION NUMBER: 987/91
PRIOR APPLICATION NUMBER: 987/91
PRIOR FILING DATE: 1991-05-24
PRIOR APPLICATION NUMBER: 510/92
PRIOR FILING DATE: 1991-04-15
NUMBER OF SEQ ID NOS: 65
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SEQ ID NO 63

LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
NAME/KEY: misc_feature
LOCATION: (10)...(11)
OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol
OTHER INFORMATION: Linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 22, Appl
Patent No. 645199
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Best Local
                                                                                                  Query Match 0.2%;
Best Local Similarity 65.0%;
                                                                                 Matches
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CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR APPLICATION NUMBER: 08/08,658
PRIOR FILING DATE: 1993-07-02
PRIOR PILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/088,661
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                                       6538 CATAGGATATCTGTAAGGCT 6557
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1 CAUAGGAGAUGCCUAAGGCT 20
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                                                                                                       Score 13.6; DB 1;
Pred. No. 2.3e+03;
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Pred. No. 2.3e+03
                                                                                   Mismatches
                                                                                                                            DB 1;
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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-51
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US-08-626-285-26/c
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APPLICANT: Mark J. Graham
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
FILE REFERENCE: RTS-0251
CURRENT APPLICATION NUMBER: US/09/920,672
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 51
LENGTH: 20
TYPE- NAME
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Matches
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APPLICANT: Mark J. Graham
APPLICANT: SUSAIN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
FILE REFERENCE: RTS-0251
CURRENT APPLICATION NUMBER: US/09/920,672
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                             Sequence 26, Application US/08626285 Patent No. 6458530
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 16; Conserv
                                 APPLICANT: Morris, Macdonald S.
APPLICANT: Shoemaker, Daniel D.
APPLICANT: Shoemaker, Daniel D.
APPLICANT: Mittmann, Michael P.
TITLE OF INVENTION: Methods and Compositions for S
TITLE OF INVENTION: Tag Nucleic Acids and Probe Ar
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 51, Appli
Patent No. 6455308
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LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No. 6455308
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                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Antisense Oligonucleotide
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San Francisco
California
                                                                                                                                                                                                                                                                                                                                                                                    AGTGCTGCTGTTTCCAAATA 20
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80.0%; Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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                                                                                                                    Compositions for Selecting Acids and Probe Arrays
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                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-679-185-6
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US-09-679-185-6/c
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                                                                                                                                                                                                                                    SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: George Jr., Alfred L.
APPLICANT: Roden, Dan M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/626,285
FILING DATE: 04-APR-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REGISTRATION NUMBER: 16528X-017300US
                                                                            Query Match
Best Local Similarity
Matches 16; Conservat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6, Application US/09679185 Patent No. 6458542
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                                                                                                                                                                                                                                                                          TITLE OF INVENTION: METHOD OF SCREENING FOR SUSCEPTIBILITY TITLE OF INVENTION: DRUG-INDUCED CARDIAC ARYTHMIA FILE REFERENCE: Attorney Docket No. 645854 1242-33-2 CURRENT APPLICATION NUMBER: US/09/679,185 CURRENT FILING DATE: 2000-10-04 PRIOR APPLICATION NUMBER: 60/158,696 PRIOR APPLICATION NUMBER: 60/158,696 PRIOR APPLICATION NUMBER: 60/158,696 PRIOR PILING DATE: 1999-10-08 NUMBER OF SEQ ID NOS: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (415) 576-02/
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                    LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.2%;
Local Similarity 80.0%;
eB 16; Conservative
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STRANDEDNESS: single
TOPOLOGY: linear
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ZIP: 94111-3834
                      1312 GCTAGATCCGCTCCAGACAG 1331
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GCTACATCCGCTCCAAGAAG 1
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                                                                               Conservative
                                                                                             0.2%;
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Pred. No. 2.3e+03;
                                                                                                 Score 13.6; DB 1;
Pred. No. 2.3e+03;
                                                                                 Mismatches
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                                                                                                                    Length 20;
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RESULT 2636 US-09-531-000-64

Sequence 64, Applica Patent No. 6461810 GENERAL INFORMATION:

Application US/09531000

APPLICANT:

JOHNSON, Marion D.

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US-09-531-000-64/c
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OTHER INFORMATION: sequences
US-09-531-000-64
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                                                                                                                               US-09-780-049-86/c
                                                                                                                                                  RESULT 2638
                                                                                                                                                                                                                                                                                                                                                            US-09-531-000-64
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SOFTWARE: PAT
; SEQ ID NO 64
FORGITH: 20
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Sequence 86, Application US/09780049
Patent No. 6465250
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
TITLE OF INVENTION: EXPRESSION
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Best Local (
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SEQ ID NO 64
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/531,000 CURRENT FILING DATE: 2000-09-08 PRIOR APPLICATION NUMBER: PCT/US98/23765 PRIOR FILING DATE: 1998-11-10 PRIOR APPLICATION NUMBER: 60/064,997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: TRIPLEX II
FILE REPERENCE: 2448-103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: JOHNSON, MARION D.
APPLICANT: FRESCO, JACQUES R.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: sequences
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
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16; Conser
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llarity 80.0%;
Conservative
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Pred. No. 2.3e+03;
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; NUMBER OF SEQ ID NOS:
; SOFTWARE: FASTSEQ for IS SEQ ID NO 2
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
; ORGANISM: human
US-09-291-129-2
                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: RADICAL PROPERTY OF SINGLE TITLE OF INVENTION: MCTHODS FOR DETERMINATION OF SINGLE TITLE OF INVENTION: MUCLEIC ACID POLYMORPHISMS USING A TITLE OF INVENTION: BIOELECTRIC MICCOCHIP FILE REFERENCE: 240/240

CURRENT APPLICATION NUMBER: US/09/291,129

CURRENT RILING DATE: 1999-04-12

EARLIER APPLICATION NUMBER: US 08/986,065

EARLIER APPLICATION NUMBER: US 08/986,065

EARLIER APPLICATION NUMBER: US 08/859,644

EARLIER FILING DATE: 1997-02-05

EARLIER FILING DATE: 1997-05-20

EARLIER FILING DATE: 1997-05-20

EARLIER FILING DATE: 1997-05-20

EARLIER APPLICATION NUMBER: US 08/725,976

EARLIER APPLICATION NUMBER: US 08/725,976

EARLIER APPLICATION NUMBER: US 08/708,262

EARLIER APPLICATION NUMBER: US 08/34,454

EARLIER APPLICATION NUMBER: US 08/34,454

EARLIER FILING DATE: 1996-09-06

EARLIER FILING DATE: 1995-09-27

EARLIER FILING DATE: 1995-09-07

EARLIER FILING DATE: 1995-09-09

EARLIER FILING DATE: 1995-09-07

EARLIER FILING DATE: 1995-09-09

EARLIER FILING DATE: 1995-09-09

EARLIER FILING DATE: 1995-09-09

EARLIER FILING DATE: 1995-09-09
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-049-86
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SEQ ID NO 86
LENGTH: 20
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                                                                                         Matches
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/780,049
CURRENT FILING DATE: 2001-02-09
                                                                                                                                                                                                                                                                                                                                                     EARLIER APPLICATION NUMBER: US 08/271,882
EARLIER FILING DATE: 1994-07-07
EARLIER APPLICATION NUMBER: US 08/146,504
EARLIER FILING DATE: 1993-11-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Nerenberg, Michael I. APPLICANT: Canter, David M.
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                        335 ATTACTTTGAGGTGGACATC 354
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ACTACAGTGACGTGGACATC 20
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Pred. No. 2.3e+03;
                                                                                                                Score 13.6; DB 1
Pred. No. 2.3e+03
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RESULT 2640 US-09-291-129-13

; Sequence 13,

Application US/09291129

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FILE REFERENCE: UTSD0667

CURRENT APPLICATION NUMBER: US/09/475,947A

CURRENT FILING DATE: 1999-12-31

NUMBER OF SEQ ID NOS: 346

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 56

LENGTH: 20

TYPE: DNA

ORGANISM: human

US-09-475-947A-56
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US-09-475-947A-56
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US-09-291-129-13
                                                                                                                                                                                                                                                                                                                                                  Sequence 56, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human
                                                                         Query Match 0.2%;
Best Local Similarity 80.0%;
Matches 16; Conservative
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Best Local Similarity
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SEQ ID NO 13
LENCTH: 20
TYPE: DNA
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TITLE OF INVENTION: METHODS FOR DETERMINATION OF SINGLE
TITLE OF INVENTION: NUCLEIC ACID POLYMORPHISMS USING A
TITLE OF INVENTION: BIOBLECTRIC MICROCHIP
FILE REFERENCE: 240/240
CURRENT APPLICATION NUMBER: US/09/291,129
CURRENT FILING DATE: 1999-04-12
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EARLIER FILING DATE: 1994-07-07
EARLIER APPLICATION NUMBER: US 08/146,504
EARLIER FILING DATE: 1993-11-01
NUMBER OF SEQ ID NOS: 17
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EARLIER
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EARLIER APPLICATION NUMBER: US 08/708,262
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EARLIER FILING DATE: 1997-12-05
EARLIER APPLICATION NUMBER: US 08/859,644
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                                    4261 CCCTCCTCTGCACTGTCCTG 4280
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                335 ATTACTTTGAGGTGGACATC 354
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/725,976
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FILING DATE: 1998-02-25
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                                                                         Score 13.6; D
Pred. No. 2.3e
0; Mismatches
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                                                                           0;
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Pred. No. 2.3e+03;
                                                                                            2.3e+03;
                                                                                                                DB 1; Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 20;
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, OTHER INFORMATION: Synthetic primer complementary to the human US-09-908-594-42
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US-09-908-594-42
                                      Query Match
Best Local Similarity
Watches 16; Conserva
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                                                                                                                                     ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-706-197-84
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US-09-706-197-84/c
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CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: 60/292,934
PRIOR FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: 60/219,621
PRIOR APPLICATION NUMBER: 60/219,621
PRIOR APPLICATION NUMBER: 709/487,792
PRIOR APPLICATION NUMBER: 09/00-01-20
PRIOR APPLICATION NUMBER: US00/01239
PRIOR APPLICATION NUMBER: US00/01239
PRIOR APPLICATION NUMBER: US00/01239
                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/706,197
CURRENT FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 84
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 80.0
Matches 16; Conservative
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SEQ ID NO 42
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: LaFleur, et al.
TITLE OF INVENTION: Keratinocyte Derived Interferon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 42, Application US/09908594 Patent No. 6472512
                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: C. Fran
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 84, Application US/09706197 Patent No. 6475797
                                                                                                                                                                                                                                                                                                                                                APPLICANT: C. Frank Bennett
APPLICANT: David Spector
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2000-01-20
PRIOR APPLICATION NUMBER: 09/358,587
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: US9/16424
PRIOR FILING DATE: 1999-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/093,643
PRIOR FILING DATE: 1998-07-21
NUMBER OF SEQ ID NOS: 57
                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: RTS-0145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: PF482P2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
NAME/KEY: Primer Bind
                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                    TYPE: DNA
6453 GTTTTTGGATACTTTTTTT 6472
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                                                          Conservative
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                                                                          0.2%;
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                                                                              Score 13.6; DB 1;
Pred. No. 2.3e+03;
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Pred. No. 2
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                                                            Mismatches
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US-09-920-668-32/c

US-09-920-668-32/c

Sequence 32, Application US/09920668

Patent No. 6482644

GENERAL INFORMATION:

APPLICANT: Lex M. Cowsert

APPLICANT: Lex M. Cowsert

APPLICANT: Brett P. Monia

FIITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION

FILE REFERENCE: RTS-0246

CURRENT APPLICATION NUMBER: US/09/920,668

CURRENT FILING DATE: 2001-08-01

NUMBER OF SEQ ID NOS: 49

SEQ ID NO 32

LENGTH: 20
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US-10-090-190-13/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.2%;
Best Local Similarity 80.0%;
Matches 16; Conservative
      GENERAL INFORMATION:
APPLICANT: Ballinger, Dennis G.
APPLICANT: Montgomery, Julie R.
APPLICANT: Montgomery, Julie R.
TITLE OF INVENTION: Growth Factor Antagonist Materials (
TITLE REFERENCE: 28110/35878
CURRENT APPLICATION NUMBER: US/10/090,190
CURRENT FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: US/09/370,398
PRIOR FILING DATE: 1998-08-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn version 3.0
SEQ ID NO 36
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APPLICANT: Guo, Baochuan
TITLE OF INVENTION: A No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 36, Application US/09698505A Patent No. 6479242
                                                                                                                                                                                                    Sequence 13, Application US/10090190 Patent No. 6485920
                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local
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CURRENT APPLICATION NUMBER: US/09/698,505A
CURRENT FILING DATE: 2001-02-06
NUMBER OF SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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Local Similarity 80.0%;
les 16; Conservation
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03;
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              8
                                                                                                                   SEQUENCE DESCRIPTION: SEQ ID NO: 29: US-09-213-383-29
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SEQ ID NO 13
LENGTH: 20 %
                                                   Best Loc
Matches
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Patent No. 6491906
GENERAL INFORMATION:
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/468,819
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEPAX: 512/474-7477
                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
operating system: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/213,383
FILING DATE: 09-Dec-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6254 ATCCAGTCCAACCTGATCCA 6273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Strieter, Robert M. Polverini, Peter J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: CXC
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45 CCGCGGCGGCGGCAACGGAG 64
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                                                                   Similarity
                                                                                                                                                                                                   LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 77210
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Pred. No. 2.3e
0; Mismatches
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                                                   Score 13.6; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 4
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                                                                                       DB 1;
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US-09-213-383-37/c
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US-09-213-383-45/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-213-383-37
                                                                         Sequence 45, Application US/09213383
Patent No. 6491906
GENERAL INFORMATION:
APPLICANT: Strieter, Robert M.
Polverini, Peter J.
Kunkel, Steven L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 37, Application Patent No. 6491906
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PETENTING Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/213,383
FILING DATE: 09-Dec-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/468,819
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Strieter, Robert M.
Polverini, Peter J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE DESCRIPTION: SEQ ID NO: 37:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Kunkel, Steven L.
TITLE OF INVENTION: CXC Chemokines as Regulators of
CORRESPONDENCE ADDRESS:
              NUMBER OF SEQUENCES:
                                                        TITLE OF INVENTION: CXC Chemokines as Regulators of
                                                                                                                                                                                                                                                                                                                      2555 CGTACCAGCTGTGCCACACT 2574
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                                                                                                                                                                                                                                                                                  20 CGTACCTGATGTGCCTCGCT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
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80.0%; Pred. No. 2.3e+03;
                  Angiogenesis: 93
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                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
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RESULT 2030
US-09-213-383-65/c
; Sequence 65, Application US/09213383
; Patent No. 6491906
; PATENT INFORMATION:
; APPLICANT: Strieter, Robert M.
; POLYCTINI, Peter J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DESCRIPTION: /desc = "DUA"

SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-09-213-383-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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Best Local :
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INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/468,819
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UNIC:003/HYL
TELECHMUNICATION INFORMATION:
TELECHONE: 512/418-3000
TELECHONE: 512/474-7477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPUTER:
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        45 CCGCGGCGCGCCAACGGAG 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20 CCTCGACGGCGGCAACAAG 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/213,383 FILING DATE: 09-Dec-1998 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                 STATE: TX
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Houston STATE: TX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Arnold, White & Durkee STREET: P.O. Box 4433
                                                                                                                                                                                                                                                           STREET: P.O. Box 4433
APPLICATION NUMBER: US/09/213,383 FILING DATE: 09-Dec-1998 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                          CITY: Houston
                                                                                                                                                                                                                                                                               ADDRESSEE: Arnold, White & Durkee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                Kunkel, Steven L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.2%;
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                                                                                                                                                                                                                                                                                                                                         Angiogenesis
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Pred. No. 2.3e+03;
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                                                                                  Version #1.30
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FILE REPERENCE: RTS-0163; CURRENT APPLICATION NUMBER: US/09/844,521; CURRENT FILING DATE: 2001-04-27; NUMBER OF SEQ ID NOS: 87; SEQ ID NO 67; LENGTH: 20
1 TYPE: DNA OFGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                 , OTHER INFORMATION: Antisense Oligonucleotide US-09-844-521-67
                                                                                                                                                                                            US-09-629-644A-131
                                                                                                                                                                                                                RESULT 2652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 67, Application US/09844521 Patent No. 6492172 GENERAL INFORMATION:
                                                                                                                              Sequence 131, Application US/09629644A Patent No. 6492345
GENERAL INFORMATION:
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Best Local Similarity 80.0%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: C. Frank Bennett
APPLICANT: Harris Busch
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF GU
                                                                           APPLICANT:
                                                                                         APPLICANT: Lex M. Cowsert APPLICANT: Jacqueline Wyatt
                                                           APPLICANT:
TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    y Match 0.2%; Score 13.6; DB 1 Local Similarity 80.0%; Pred. No. 2.3e+03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/468,819
PILING DATE: <Unknown>
ATTORNEY, AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                              5438 TTTGGGCAATGACAAGAAAT 5457
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2555 CGTACCAGCTGTGCCACACT 2574
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                                  Susan M. Freier
Brett P. Monia
Madeline M. Butler
                    Robert McKay
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Pred. No. 2.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 20;
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CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 242
SEQ ID NO 131
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 2653
US-09-629-644A-131
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US-08-545-573A-31/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-09-629-644A-131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 242
SEQ ID NO 131
LENGTH: 20
                                                                                                                                                                                                 Sequence 31, Application US/08545573A Patent No. 6495344
                                                                                                                                                                                                                                                                                                                                                                                                         Matches 16; Conservative
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TOWERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 131, Application US/09629644A Patent No. 6602857
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                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.2%;
Best Local Similarity 80.0%;
                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Carr, No. 64953441 Gordon
APPLICANT: Mann, Nicholas Harold
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Lex M. Cowsert
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Madeline M. Butler
APPLICANT: Robert MCKAY
APPLICANT: ROBERT MCKAY
APPLICANT: ROBERT MCKAY
APPLICANT: ROBERT MCKAY
TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: ISPH-0478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: ISPH-0478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                 NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESSE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                               TITLE OF INVENTION: Phenylalanine-Free Protein and DNA Coding
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.2%;
Local Similarity 80.0%;
nes 16; Conservative
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San Francisco
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                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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US-08-569-284-26
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APPLICATION NUMBER: WO PCT/GB94/01046

FILING DATE: 16-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9310472.7

FILING DATE: 20-MAY-1993

ATTORNEY/AGENT INFORMATION:

NAME: Liebeschuetz, Joe

REGISTRATION NUMBER: 37,505

REFERENCE/DOCKET NUMBER: 016994-011900US

REFERENCE/DOCKET NUMBER: 016994-011900US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0300

INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYPE: nucleic acidits
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/545,573A
APPLICATION. 116-17AN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 26, Application US/08569284 Patent No. 6500417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches 16;
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No.
                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:

APPLICANT: DORSSERS J., LAMBERTUS C.
APPLICANT: VAN LEEN, ROBERT W.

TITLE OF INVENTION: MUTANTS OF HUMAN INTERLEUKIN-3
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
                COMPUTER READABLE FORM:
MEDIUM TYPE: F10ppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US/08/569,284
FILING DATE: 08-DEC-1995
CLASSIFICATION: 424
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION: 1..20
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                    STREET: 755 Page Mill Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 16-JAN-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                             COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4987 GGCACAAGCCCAGCTGAAGA 5006
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                                                                                                                                                                                                                                                                 California
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primer for Block A"
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Pred. No. 2.3e+03
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TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: TOTAL APPLICATION NUMBER: US/09/898,361
CURRENT APPLICATION NUMBER: US/09/898,361
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 87
LENGTH: 20
TYPE: NOTE:
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                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; CRANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-87
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                                                                                                                                                                                          US-09-898-361-151
                                                                                                                                                                                                     RESULT 2657
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-569-284-26
                                                                                                                                         Sequence 151, Application US/09898361 Patent No. 6503152 GENERAL INFORMATION:
PILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 151
                                                                                                                                                                                                                                                                                                                  Matches
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Best Local (
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                                                                          APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
TITLE OF INVENTION: EXPRESSION
                                                                                                            APPLICANT: Susan Murray APPLICANT: Jacqueline
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: GRACEY, NANCY J.
REGISTRATION NUMBER: 28,216
REFERENCE/DOCKET NUMBER: 246
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/150,331
FILING DATE:
APPLICATION NUMBER: US 07/651,437
FILING DATE: 05-FEB-1991
ATTORNEY/ACENT INFORMATION:
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Local Similarity 80.0%;
les 16; Conservation
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                Local Similarity 80.0%; les 16; Conservative
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                                                                                                                                                                                                                                                                                   6764 GGATATGCAGGCACTTTT 6783
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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RESULT 2659
US-09-657-346A-70/c
; Sequence 70, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
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Sequence 59, Application US/09657346A
Patent No. 6503754
GENERAL INFORMATION:
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-151
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                                 Query Match
Best Local Similarity
Watches 16; Conserve
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                                                                                                                      ; OTHER INFORMATION: US-09-657-346A-70
                                                                                                                                             APPLICANT: Hong Zhang
APPLICANT: Hong Zhang
APPLICANT: Hong Zhang
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0135
CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0135
CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT APPLICATION NUMBER: US/09-07
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 59
SEQ ID NOS: 174
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20
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7453 AAGACAACAGTGGCTTCTAT 7472
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16; Conserv
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03
0; Mismatches
                                                   Score 13.6; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 4;
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CURRENT APPLICATION NUMBER: US/09/668,313A
CURRENT FILING DATE: 2000-09-22
NUMBER OF SEQ ID NOS: 247
SEQ ID NO 75
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
COULDED THEODOLOGY.
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US-09-668-313A-43/c
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                                                                                                                                                         US-09-238-710-31
                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-09-668-313A-75
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                                                                                                                                                                                RESULT 2662
                Sequence 31, Application US/09238710A
Patent No. 6518018
GENERAL INFORMATION:
APPLICANT: Szostak, Jack W.
APPLICANT: Riberts, Richard W.
APPLICANT: Liu, Rihe
TITLE OF INVENTION: SELECTION OF PROT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 247

SEQ ID NO 43
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Susque M. Freier
APPLICANT: Jacqueline Myatt
TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSIONETER REFERENCE: RTS-0127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 43, Application US/09668313A Patent No. 6503756
                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4
FILE REFERENCE: RTS-0127
CURRENT APPLICATION NUMBER: US/09/668,313A
CURRENT FILING DATE: 2000-09-22
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN TITLE OF INVENTION: FUSIONS
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03;
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schultz078-3.rni

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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-358-383C-21
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                                                                                                                                                                                                                                                                                          US-09-290-000-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: DNA splint US-09-238-710-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  EARLIER FILING DATE: 1998-01-14
NUMBER OF SEQ ID NOS: 33
SOFTWARE: FastSEQ for Windows Ve
SEQ ID NO 31
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 16; Conserv
                                                 APPLICANT: Nerenberg, Michael I.
APPLICANT: Westin, Lorelei P.
APPLICANT: Landis, Geoffrey C.
APPLICANT: Feng, Lana L.
APPLICANT: Edman, Carl F.
TITLE OF INVENTION: ANCHORED STRAND DISPLACEMENT AMPLIFICATION
TITLE OF INVENTION: ON AN ELECTRONICALLY ADDRESSABLE MICROCHIP FILE REFERENCE: 238/065
                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                  Sequence 5, Application US/09290000 Patent No. 6531302
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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Best Local Similarity
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TITLE OF INVENTION: NOVEL POTASSIUM CHANNEL
FILE REPERENCE MUI-055CP
CURRENT APPLICATION NUMBER: US/09/358,383C
CURRENT FILING DATE: 1998-07-21
PRIOR APPLICATION NUMBER: USSN 09/119,855
PRIOR PILING DATE: 1998-07-21
NUMBER OF SEQ ID NOS: 36
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CURRENT APPLICATION NUMBER: US/09/238,710A
CURRENT FILING DATE: 1999-01-28
EARLIER APPLICATION NUMBER: 60/035,963
EARLIER FILING DATE: 1997-01-27
EARLIER APPLICATION NUMBER: 60/064,491
EARLIER FILING DATE: 1997-11-06
EARLIER FILING DATE: 1997-11-06
EARLIER APPLICATION NUMBER: 09/007,005
CURRENT APPLICATION NUMBER: US/09/290,000
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
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ilarity 80.0%;
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Pred. No. 2.3e+03;
0; Mismatches 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 13.6; DB 1; Length 20; Pred. No. 2.3e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
US-09-290-000-5
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US-09-290-000-22
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CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.2%;
sest Local Similarity 80.0%;
Matches 16; Conservative
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APPLICANT: Nerenberg, Michael I.
APPLICANT: Westin, Lorelei P.
APPLICANT: Westin, Lorelei P.
APPLICANT: Hendis, Geoffrey C.
APPLICANT: Feng, Lana L.
APPLICANT: Edman, Carl P.
TITLE OF INVENTION: ANCHORED STRAND DISPLACEMENT AMPLIFICATION
TITLE OF INVENTION: ON AN ELECTRONICALLY ADDRESSABLE MICROCHIP
FILE REFERENCE: 238/065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                        Sequence 17, Application US/09389283 Patent No. 6531584
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Phillip Dan
APPLICANT: A. Kawasaki
                                                                                                           ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720
                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Worderfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                         TITLE OF INVENTION: 2'-Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEB: Woodcock Washburn Kurtz Mackiewicz & No. 6531584ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                       COUNTRY: U.
ZIP: 19103
              APPLICATION NUMBER: US/09/389,283 FILING DATE:
                                                                                                                                                                                              STATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        335 ATTACTTTGAGGTGGACATC 354
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                                                                                                                                                                                                                                                                                                                                     Phillip Dan Cook
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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Sequence 45, Application US/09972800A

Patent No. 6534277

GENERAL INFORMATION:
APPLICANT: HANGOCK, W.
APPLICANT: Ozkaynak, E.
TITLE OF INVENTION: ROLES OF JAK/STAT FAMILY MEMBERS IN TOLERANCE
TITLE OF INVENTION: INDUCTION
FILE REFERENCE: 7853-192
CURRENT APPLICATION NUMBER: US/09/972,800A
CURRENT APPLICATION NUMBER: US/09/972,800A
CURRENT APPLICATION NUMBER: US/09/549,654
PRIOR APPLICATION NUMBER: US/09/549,654
NUMBER OF SEQ ID NOS: 70
SOFTMARE: PASUSEQ for Windows Version 3.0
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FORDER TANGERS TO THE TOTAL PROPERTY NUMBER OF SEQ ID NO 55

PRIOR PRIOR HANGE OF THE TOTAL PROPERTY NUMBER OF SEQ ID NO 55

PRIOR PRIOR SECRET OF THE TOTAL PROPERTY NUMBER OF SEQ ID NO 55

PRIOR PRIOR THE SECRET OF THE TOTAL PROPERTY NUMBER OF SECRET OF THE SECRET OF THE
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US-09-535-370-5/c
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US-09-389-283-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: primer US-09-972-800A-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-972-800A-45/c
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                                                                                                                                                                                                                                              Sequence 5, Application US/09535370 Patent No. 6537594 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.2%;
Best Local Similarity 80.0%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.2%;
Best Local Similarity 65.0%;
Matches 13; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Joseph Lucci
REGISTION NUMBER: 33,307
REFERENCIJON STET NUMBER: IS:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-588-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA: 09/035,357
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ENGTH:
                                                                                                 Tartaglia, James
Cox, William I.
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6538 CATAGGATATCTGTAAGGCT 6557
                                 NUMBER OF SEQUENCES: 217 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                             APPLICANT: Paoletti, Enzo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              744 CTCCTTCTCTCACCGCCTG 763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 CTCCTGCTTCTAACGGCTTG 1
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ADDRESSEB: Curtie, Morrie & Safford
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Pred. No. 2.3e+03;
3; Mismatches 4;
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Pred. No. 2.3e+03;
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER PILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-14-23
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4925
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; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; LOCATION: 1..10
; OTHER INFORMATION: upstream amplification primer 99-18729 for SEQ 991,
US-09-422-978-4925
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 2669
US-09-422-978-4925
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INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                 LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/09/535,370
FILING DATE: 24-Mar-2000
CLASSIFICATION: CUDKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 08/460,736
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2530
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              y Match 0.2%; Score 13.6; DB 1;
Local Similarity 80.0%; Pred. No. 2.3e+03;
hes 16; Conservative 0; Mismatches 4
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6425 GTGGCCTCCTATTTAGCTAA 6444
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STATE: NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (212) 840-0712
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Sequence 5168, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Chen, Daniel

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use

FILE REFERENCE: GENSET.020CP1

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER FILING DATE: 1999-10-23

EARLIER FILING DATE: 1998-04-21

EARLIER FILING DATE: 1998-04-21
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                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-422-978-5234
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Best Local S
Matches 16
                                                                                                NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5234
LENGTH: 20
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Matches 16; Conserv
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SEQ ID NO 5168
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                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: 1..20
OTHER INFORMATION: upstream amplification primer 99-22189 for SEQ 1234,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: primer_bind
NAME/KEY: primer_bind LOCATION: 1..20
                                                         ORGANISM: Homo Sapiens
                                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03
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Sequence 6243, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Chumakov, Ilya

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614
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US-09-422-978-6243
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US-09-422-978-6127/c
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-14-21
EARLIER FILING DATE: 1998-04-21
                                 NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6243
LENGTH: 20
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SEQ ID NO 6127
LENGTH: 20
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Matches 16; Conserve
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                                                   EARLIER FILING DATE: 1998-04-21
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LOCATION: 1..20
OTHER INFORMATION: upstream amplification primer 99-9157 for SEQ
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ORGANISM: Homo Sapiens
                    TYPE: DNA
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Local Similarity 80.0%;
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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Sequence 8529, Application US/09422978
Patent No. 6537751
GBNERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Genesit Concept
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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LENGTH: 20
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Best Local
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Bialialic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US (99/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
SEQ ID NO 8529
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NAME/KEY: primer_bind
LOCATION: 1..20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: primer_bind
LOCATION: 1..20
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nes 16; Conserv
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
0; Mismatches 4
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; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-7840 for SEQ 1992,
US-09-422-978-9857
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APPLICANT: Cohen, Daniel
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumenkov, Ilya
APPLICANT: Chumenkov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020C91
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-01-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OP INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-04-21
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-422-978-9857/c
; Sequence 9857, Application US/09422978
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US-09-422-978-10500/c
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                 Sequence 10500, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
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LENGTH: 20
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Best Local (
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ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-16202
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Pred. No. 2
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Pred. No. 2
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60/082,614

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Sequence 11697, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chen, Daniel
APPLICANT: Chumakov, Ilya
ITITLE OF INVENTION: Biallelic markers for us
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
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                                                                                                                                                                                                                                              RESULT 2679
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CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER PFLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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Best Local Similarity
Matches 16; Conserv
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NAME/KEY: primer bind
LOCATION: 1..20 -
OTHER INFORMATION: downstream amplification primer 99-12595 for SEQ 2646, in complem 9-99-422-978-10511
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Best Local Similarity
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LENGTH: 20
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID
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NAME/KEY: primer_bind
LOCATION: 1..20
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                                                                                                                                                                                                                                                                                                                                   5987 CAACTTGTGTGAAGTCAGGA 6006
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03;
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                                                                                       in
                                                                                   constructing a high density...
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US-08-894-454-72/c
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Best Local :
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LENGTH: 20
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EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
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ORGANISM: Homo Sapiens
                                                                                                                                                                               FILING DATE: 14-JUL-1995
ATTORNEY/AGENT INFORMATION:
NAME: JOhnson, Barbara E
REGISTRATION NUMBER: 31,198
REFERENCE/DOCKET NUMBER: 702-971100
                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/894,454
FILING DATE: 15-AUG-1997
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 15219-1818
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: VAN DEN VEN, W.J.M.
APPLICANT: SCHOENMAKERS, H.F.P.M.
TITLE OF INVENTION: MULTIPLE-TUMOR ABERRENT GROWTH
TITLE OF INVENTION: GENES
                                                                       SEQUENCE CHARACTERISTICS
                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 412-471-8815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/EP/00716
FILING DATE: 19-FEB-1996
APPLICATION NUMBER: 95200390.3
FILING DATE: 17-FEB-1995
APPLICATION NUMBER: 95201951.1
FILING DATE: 14-JUL-1995
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Local Similarity 80.0%;
nes 16; Conservative
TOPOLOGY: lir
                                TYPE: nucleic acid
                                                                                                                               TELEFAX: 412-471-4094
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Pittsburgh
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                                                     LENGTH: 20 base pairs
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3. 6544784
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Pred. No. 2.3e+03;
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US-08-894-454-72

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RESULT 2682
US-09-705-267A-57/c
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Best Local Similarity
                                                                                                                                               Query Match
Best Local (
                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                 TELEFAX: (703)816-4100 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          atent No. 6545137
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPB: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: Patent: Pc-DOS/MS-DOS
SOFTWARE: Patent: Release #1.0, Version #1.25
SOFTWARE: Patent: Release #1.0, Version #1.25
CURRENT APPLICATION DATA;
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: NO. 6545137el Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
                                                                                                                                                                                                                        LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                  NAME: B.J.Sadoff
                                                                                                                                                                                                                 TOPOLOGY:
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                                                                                               5893 GCAGAAGACCAAGAACCTGT 5912
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                                                                 GCAACAGAGCAAGACCCTGT 20
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                                                                                                                                                                                                                                                                                                                    (703)816-4100
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Hammond, Holly
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Hess, John W
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                                                                                                                                Score 13.6; DB 1; Length 20; Pred. No. 2.3e+03; 0; Mismatches 4; Indels
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Pred. No. 2.3e+03;
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US-09-402-923A-240
; Sequence 240, Application
; Patent No. 6555654
; Patent No. HORRMATION;
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US-09-705-267A-113/c
; Sequence 113, Application US/09705267A
; Patent No. 6551826
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SEQ ID NO 57
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 80.0%;
Matches 16; Conservative
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SEQ ID NO 113
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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Local Similarity 80.0%;
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                                                                                                                                                                                                                                                                                                                                                        Conservative
 Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
                                                                   Gerhold, David
Hammond, Holly
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Hess, John W
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; OTHER INFORMATION: Antisense Oligonucleotide US-09-705-267A-57
                                                                               ) OTHER INFORMATION: Antisense Oligonucleotide US-09-705-267A-113
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APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
                                                                                                                                                                                                                                               APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/705,267A CURRENT FILING DATE: 2000-11-01
0; Mismatches
                     Score 13.6; DB 1;
Pred. No. 2.3e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 13.6; DB 1;
Pred. No. 2.3e+03;
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                                          DB 1;
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                                        Length 20;
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                                                                                                            ; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1563
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US-09-198-452A-1563/c
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Best Local S
Matches 16
                                                                                                                                                                         NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1563
LENGTH: 20
                                        Matches
                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1563, Application US/09198452A Patent No. 6559294
                                                                                                                                                                                                                                 FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                          APPLICANT: Griffais, R. TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, TITLE OF INVENTION: and treatment of infection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 240: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 14-Feb-2001

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-AFR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-AFR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
nes 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4100
TELEFAX: (703)816-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            5893 GCAGAAGACCAAGAACCTGT 5912
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: No.
  921 GGACATCAGGAACATAGATG 940
                                        16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GCAACAGAGCCAAGACCCTGT 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: Virginia COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: VA 22201-4714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OF SEQUENCES:
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                                        Conservative
                                                      0.2%; Score 13.6; DB 1;
80.0%; Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
0; Mismatches 4
                                        Mismatches
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                                                                        Length 20;
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US-09-198-452A-2085
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Sequence 2085, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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APPLICANT: Griffais, R.

APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local
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SEQ ID NO 1880
LENGTH: 20
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SEQ ID NO 1681
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Chlamydia pneumoniae
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16; Conserv
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Pred. No. 2.3e+03;
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2339
SEQ ID NO 2339
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2339
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; TYPE: DNA
; ORGANISM: Chlamydia
US-09-198-452A-2085
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RESULT 2691
US-09-198-452A-2492
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2147
LENGTH: 20
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Patent No. 6559294

GENERAL INFORMATION:
APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment;
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, previous of INVENTION: and treatment of infection
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Best Local Similarity
Matches 16; Conserv
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Patent No. 6559294
GENERAL INFORMATION:
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Best Local (
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ORGANISM: Chlamydia pneumoniae
-09-198-452A-2147
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les 16; Conserv
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80.0%; Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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US-09-198-452A-2599

ORGANISM: Chlamydia pneumoniae

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RESULT 2693
US-09-198-452A-2599/c
US-09-198-452A-2599/c
J Sequence 2599, Application US/09198452A
Patent No. 6559294
J Patent No. 6559294
J GENERAL INFORMATION:
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US-09-198-452A-2493/c
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2492
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TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT PILION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2493
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GENERAL INFORMATION:
APPLICANT: Griffais, R.
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SEQ ID NO 2492
LENGTH: 20
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2599
LENGTH: 20
TYPE: DNA
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APPLICANT: Griffais, R.
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                                                                                                                                              APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
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ORGANISM: Chlamydia pneumoniae
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RESULT 2696
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US-09-198-452A-3526/c
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US-09-198-452A-3426
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Best Local S
Matches 16
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3426
LENGTH: 20
Sequence 4058, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevented for the property of the diagnosis.
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3526
LENGTH: 20
TYPE: DNA
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APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment:
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev.
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
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Best Local
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Best Local
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03
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; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4655
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumon
US-09-198-452A-4655
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APPLICANT: GRIffals, R.
APPLICANT: GRIffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and
TITLE OF INVENTION: thereof and uses thereof, in particular f
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
                                                                                                                                                                                                                                                                                                                      Sequence 4655, Application US/09198452A Patent No. 6559294
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SEQ ID NO 4627
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GENERAL INFORMATION:
APPLICANT: Griffcais, R.
APPLICANT: Griffcais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and
TITLE OF INVENTION: thereof and uses thereof, in particular f
TITLE OF INVENTION: and treatment of infection
PILE REFERENCE: 9710-003-999
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SEQ ID NO 4058
LENGTH: 20
TYPE: DNA
Best Local Similarity Matches 16; Conser
                               Query Match
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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Pred. No. 2.
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03
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1785 GCCGGTGTATGCTGAGGTGA 1804

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RESULT 2699
US-09-198-452A-4703
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4705
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US-09-198-452A-4705
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APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT APPLICATION NUMBER: US/09/198,452A
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4703
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 4705, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlanydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnos
TITLE OF INVENTION: and treatment of infection
PILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
                GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention of INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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LENGTH: 20
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Best Local (
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Patent No. 6559294
                                                                                                                                                                                                                         Sequence 4710, Application US/09198452A Patent No. 6559294
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Local Similarity 80.0%;
les 16; Conservation
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Local Similarity 80.0%;
les 16; Conservaring
NO 4710
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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                       RESULT 2704
US-09-198-452A-5028
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4710
                                                                                                                                       NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4808

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4808
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US-09-198-452A-4715
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Patent No. 6559294

PATENT INFORMATION:

APPLICANT: Griffais, R.

APPLICANT: Griffais, R.

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preventing of INVENTION: and treatment of infection FILE REPERINCE: 9710-003-999

FILE REPERINCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: Infifals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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Matches
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Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 4715
LENGTH: 20
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Best Local Similarity
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mes 16; Conserv
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Pred. No. 2.3e
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03
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Sequence 5028, Application US/09198452A

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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia
US-09-198-452A-5266
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; Sequence 5266, Application
; Patent No. 6559294
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5028
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APPLICANT: Griffals, R.
APPLICANT: Infifals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frac
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
TITLE OF ENERGY 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5028
LENGTH: 20
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SEQ ID NO 5038
LENGTH: 20
                                                                                                                            NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5266
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
    Query Match
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                                                                                                                                                                   APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frac
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION UNMERS: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Chlamydia
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  0.2%; Score 13.6;
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03;
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  DB
  1;
Length
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US-09-198-452A-5586/c
Sequence 5586, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Criffais, R.
FITILE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnos;
TITLE OF INVENTION: and treatment of infection
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US-09-198-452A-5520/c
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APPLICANT: Criffaia, R.
APPLICANT: Criffaia, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Criffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5520
LENGTH: 20
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LENGTH: 20
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ORGANISM: Chlamydia pneumoniae
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ORGANISM: Chlamydia pneumoniae
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nes 16; Conservation
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Local Similarity 80.0%;
nes 16; Conservative
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5586
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5695
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US-09-198-452A-5857
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APPLICANT: Griffals, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5695
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5586
LENGTH: 20
                                                                                                                                                                                                            FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5857
LENGTH: 20
TYPE: DNA
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APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preventing of INVENTION: and treatment of infection
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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Patent No. 6559294
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Patent No. 6559294
                                                                                                       Query Match
Best Local 9
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                                 CCTTCTATCACAGCAGTGGT 2051
  CCTTCTATCAAGGCAGGGTT 20
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Pred. No. 2.3e+03;
0; Mismatches 4
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Pred. No. 2.3e+03;
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RESULT 2714
US-09-198-452A-6610
; Sequence 6610, Application US/09198452A
; Patent No. 655946
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6585
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US-09-198-452A-6585
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Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FILE REFERENCE: 9710-003-999
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                                                                                                                                                    APPLICANT: Griffais, R.
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LENGTH: 20
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APPLICANT: Griffais,
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CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and TITLE OF INVENTION: thereof and uses thereof, in particular f TITLE OF INVENTION: and treatment of infection FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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Similarity 80.0%; Pred. No. 2.3e+03;
16; Conservative 0; Mismatches 4
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Similarity 80.0%;
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragritus of INVENTION: thereof and uses thereof, in particular for the diagnosis, TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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GENERAL INFORMATION:
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LENGTH: 20
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Best Local Similarity
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LENGTH: 20
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Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local
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TITLE OF INVENTION: Monoclonal Antibody Against Connective Tissue Growth Factor
TITLE OF INVENTION: and Medicinal Uses Thereof
FILE REFERENCE: J1-009PCT
CURRENT APPLICATION NUMBER: US/09/582,337
CURRENT FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: JP P1997-367699
PRIOR FILING DATE: 1997-12-25
PRIOR APPLICATION NUMBER: JP P1998-356183
PRIOR FILING DATE: 1998-12-15
NUMBER OF SEQ ID NOS: 27
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.0
                                                                                        OTHER INFORMATION: Description OTHER INFORMATION: synthesized NAME/KEY: primer bind LOCATION: (1)..(20)
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ORGANISM: Chlamydia pneumoniae
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Pred. No. 2.3e+03;
 Score 13.6; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 4
                                                                                                                                  of Artificial Sequence: Artificially primer sequence
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                                     DB 1; Length 20;
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US-09-954-594A-5
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US-09-909-595-62/c
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SEQ ID NO 62
LENGTH: 20
                                                                         Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 5
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Werenberg, Michael I.
APPLICANT: Westin, Lorelei P.
APPLICANT: Edman, Carl F.
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GENERAL INFORMATION:
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APPLICANT: Brenda F. Baker
APPLICANT: Jacqueline Wyatt
APPLICANT: Scott E. Davis
TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
FILE REFERENCE: RTS-0223
CURRENT APPLICATION NUMBER: US/09/909,595
CURRENT FILING DATE: 2001-07-18
                                                                                                                                                                                                                                                                                   APPLICANT: Carrino, John
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID
TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
TITLE OF INVENTION: STRUCTURES
FILE REFERENCE: 241/109
CURRENT FAPLICATION NUMBER: US/09/954,594A
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: 09/290,452
PRIOR PLICATION NUMBER: 09/290,452
PRIOR FILING DATE: 1999-04-12
                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS:
                                                                                                                                                                       TYPE: DNA ORGANISM: human
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                             335 ATTACTTTGAGGTGGACATC 354
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                                                                           Conservative
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                                                                                             Score 13.6; DB 1;
Pred. No. 2.3e+03;
                                                                               Mismatches
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RESULT 2719 US-09-954-594A-22

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US-09-081-385-63/c
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Best Local Similarity 80.0%;
Matches 16; Conservative
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TYPE: DNA
ORGANISM: human
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FILE REFERENCE: 241/109
CURRENT APPLICATION NUMBER: US/09/954,594A
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: 09/290,452
PRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
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APPLICANT: CArrino, John
TITLE OF INVENTION: MULTIPLEX AMPLIPICATION AND SEPARATION OF NUCLEIC ACID
TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
TITLE OF INVENTION: STRUCTURES
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APPLICANT: Westin, Lorelei P.
APPLICANT: Edman, Carl F.
                                TELEX: 706141
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 2.0b CURRENT APPLICATION DATA:
                                                                                                                                      NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 220
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
ANNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPATING SYSTEM: Windows
OPERATING SYSTEM: FOR MAINING SYSTEM: FOR MAINING
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CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION:
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/081,385 PILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 755 PAGE CITY: Palo Alto
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                                                                                                              TELEFAX:
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Factor Receptor Releasing Enzyme Activity, and Methods
of Use Thereof
154
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US-09-136-159A-5/c
                                                                                                                                                                      RESULT 2722
US-09-823-634A-8
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CURRENT FILING DATE: 1998-08-14
PRIOR APPLICATION NUMBER: US 08/417,210
PRIOR FILING DATE: 1995-04-05
PRIOR APPLICATION NUMBER: US 08/223,842
PRIOR APPLICATION NUMBER: US 07/897,382
PRIOR PILING DATE: 1994-04-06
PRIOR PILING DATE: 1992-06-11
PRIOR PILING DATE: 1992-06-11
PRIOR APPLICATION NUMBER: US 07/817,382
PRIOR APPLICATION NUMBER: US 08/105,483
PRIOR PILING DATE: 1991-06-14
PRIOR APPLICATION NUMBER: US 08/105,483
PRIOR FILING DATE: 1993-08-12
PRIOR FILING DATE: 1993-08-12
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Matches
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LENGTH: 20
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                                                                                                            GENERAL INFORMATION:
                                                                                                                            Sequence 8, Application US/09823634A Patent No. 6596489
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APPLICANT: Tarta
APPLICANT: Cox,
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APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: MISMATCHES USING RNASE H
FILE REFERENCE: 47541-20006.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 149
SOFTWARE: PatentIn version 3.1
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PRIOR FILING DATE: 1992-03-06
PRIOR PPLICATION NUMBER: US 07/713,967
PRIOR FILING DATE: 1991-06-11
PRIOR APPLICATION NUMBER: US 07/666,056
PRIOR FILING DATE: 1991-03-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Virogenetics Corporation APPLICANT: Paoletti, Enzo APPLICANT: Tartaglia, James APPLICANT: Cox, William I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Immunodeficiency recombinant poxvirus FILE REFERENCE: 454310-2690.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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Sequence 10. Application US/09823634A

Patent NO. 6596489

GENERAL INFORMATION:

APPLICANT: Applied Gene Technologies, Inc.

APPLICANT: Dattagupta, Nanibhushan

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCI

TITLE OF INVENTION: MISMATCHES USING RNASE H

FILE REFERENCE: 47541-20006.00

CURRENT APPLICATION NUMBER: US/09/823,634A

CURRENT APPLICATION NUMBER: US/09/823,634A

CURRENT FILING DATE: 2002-02-28

NUMBER OF SEQ ID NOS: 27

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 20
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US-09-823-634A-10
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CURRENT FILING DATE: 2002-02-28
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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OTHER INFORMATION: Oligonucleotide AGT02008
-09-823-634A-8
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CURRENT APPLICATION NUMBER: US/09/823,634A
CURRENT FILING DATE: 2002-02-28
NUMBER OF SEQ ID NOS: 27
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APPLICANT: Dattagupta, Nanibhushan

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: MISMATCHES USING RNASE H
                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
             OTHER INFORMATION: Oligonucleotide AGT02013
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ilarity 80.0%;
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Pred. No. 2.3e
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GENERAL INFORMATION:

APPLICANT: Applied Gene Technologies, Inc.

APPLICANT: Dattagupta, Nanibhushan

ITITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUC

TITLE OF INVENTION: MISMATCHES USING RNASE H

FILE REFERENCE: 47541-20006.00

CURRENT APPLICATION UNDER: US/09/823,634A

CURRENT FILING DATE: 2002-02-28

NUMBER OF SEQ ID NOS: 27

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 11

LENGTH: 20
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Best Local Similarity
Watches 16; Conserve
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Patent No. 6596489

GENERAL INFORMATION:

APPLICANT: Applied Gene Technologies, Inc.

APPLICANT: Dattagupta, Nanibhushan

TITLE OF INVENTION: MISHATCHES USING FOR ANALYZING

TITLE OF INVENTION: MISHATCHES USING RNASE H

FILE REFERENCE: 47541-20006.00

CURRENT APPLICATION NUMBER: US/09/823,634A

CURRENT FILING DATE: 2022-02-28
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 12
LENGTH: 20
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                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Complement DNA oligo AGT02009
                                                                                                                                                                                                   TYPE: DNA
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                                                              Local Similarity hes 16; Conserv
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Pred. No. 2.3e
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Pred. No. 2.3e+03
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2.3e+03;
                                                                                  2.3e+03
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RESULT 2728
US-09-823-634A-14/c
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; OTHER INFORMATION: Oligo AGT02020
US-09-823-634A-13
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APPLICANT: Dattagupta, Nanibhushan

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE

TITLE OF INVENTION: MISMATCHES USING RNASE H

FILE REFERENCE: 47541-20006.00

CURRENT APPLICATION NUMBER: US/09/823,634A

CURRENT FILING DATE: 2002-02-28

NUMBER OF SEQ ID NOS: 27

SOFTWARE: FRRISEQ for Windows Version 4.0

SEQ ID NO 13

LENGTH: 20

TYPES - TOTAL - TOTA
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US-09-823-634A-15/c
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APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: MISMATCHES USING RNASE H
FILE REFERENCE: 47541-20006.00
CURRENT APPLICATION NUMBER: U$709/823,634A
CURRENT APPLICATION NUMBER: U$709/823,634A
CURRENT FILING DATE: 2002-02-28
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 14
LENGTH: 20
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Matches 16; Conserv
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FILE REFERENCE: 47541-20006.00
CURRENT APPLICATION NUMBER: US/09/823,634A
CURRENT FILING DATE: 2002-02-28
                                                                                                             APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: MISMATCHES USING RNASE H
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ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 2.3e+03;
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                                     ; OTHER INFORMATION: Oligo AGT02024 US-09-823-634A-17
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US-09-823-634A-17/c
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US-09-823-634A-16/c
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                                                                                                               SEQ ID NO 17
LENGTH: 20
TYPE: DNA
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APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
APPLICAT: Dattagupta, Nanibhushan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: MISMATCHES USING RNASE H
PILE REFERENCE: 47541-20006.00
CURRENT APPLICATION NUMBER: US/09/823,634A
CURRENT FILING DATE: 2002-02-28
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SOFTMARE: FASELSEQ for Windows Version
SEQ ID NO 15,
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                 Sequence 17, Application US/09823634A Patent No. 6596489
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Best Local Similarity 80.0%;
Query Match
                                                                                                                                                                   APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
APPLICANT: Dattagupta, Nanibhushan
APPLICANT: INVENTION: MISMATCHES USING FOR ANALYZING NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: MISMATCHES USING RNASE H
FILE REFERENCE: 47541-20006.00
CURRENT APPLICATION NUMBER: US/09/823,634A
CURRENT FILING DATE: 2002-02-28
NUMBER OF SEQ ID NOS: 27
SOPTWARE: FastSEQ for Windows Version 4.0
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OTHER INFORMATION: Oligo AGT02023
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                                                                           ORGANISM: Artificial Sequence FEATURE:
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Pred. No. 2.3e+03
0; Mismatches
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Pred. No. 2.3e+03;
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FILE REFERENCE: 47541-20004.20
CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR PILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9
LENGTH: 20
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US-09-823-647B-8
                                                                   Query Match
Best Local S
Matches 16
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APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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Best Local
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CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 27
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APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THEREOF
                                                                                                                                                        FEATURE:
OTHER INFORMATION: Oligonucleotide AGT02012
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ORGANISM: Artificial Sequence
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TTTTTTAAAATTTTTTTT 20
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Pred. No. 2.3e+03;
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Pred. No. 2.
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                                                                                      .3e+03
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Sequence 10, Application US/09823647B

Patent NO. 6596490

GENERAL INFORMATION:

APPLICANT: Applied Gene Technologies, Inc.

APPLICANT: Dattagupta, Nanibhushan

TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES

TITLE OF INVENTION: THEREOF

FILE REFERENCE: 47541-20004.20

CURRENT APPLICATION NUMBER: US/09/823,647B

CURRENT FILING DATE: 2002-05-07

PRIOR APPLICATION NUMBER: US 09/616,761

PRIOR APPLICATION NUMBER: US 09/616,761

PRIOR FILING DATE: 2000-07-14

NUMBER OF SEQ ID NO5: 27

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 10

LENGTH: 20
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US-09-823-647B-10
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                                                              Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FOATURE: OTHER INFORMATION: Oligonucleotide AGT02014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
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Best Local :
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                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THERBOP
FILE REFERENCE: 47541-20004.20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                    4464 TETTTTTTTTTTTTTTT 4483
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Pred. No. 2.3e
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                                                                         Score 13.6; DB 1;
Pred. No. 2.3e+03;
D; Mismatches 4
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RESULT 2736 US-09-823-647B-12/c ; Sequence 12, Application ; Patent No. 6596490

US/09823647B

GENERAL INFORMATION

APPLICANT: Applied Gene

Technologies,

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RESULT 2737
US-09-823-647B-13/c
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US-09-823-647B-14/c
US-09-823-647B-14/c
; Sequence 14, Application US/09823647B
; Patent No. 6596490
; GENERAL INFORMATION:
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Patent No. 6596490
GENERAL INFORMATION:
APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 12 LENGTH: 20
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13
LENGTH: 20
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PILE REFERENCE: 47541-20004.20
CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR FILING DATE: 2000-07-14
               APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OP INVENTION: NUCLEIC ACID HAIRPIN PROBES
TITLE OP INVENTION: THEREOF
FILE REFERENCE: 47541-20004.20
CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
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PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
OTHER INFORMATION: Oligo AGT02020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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 US 09/616,761
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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FILE REFERENCE: 47541-20004.20
CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 14
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             PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR FILING DATE: 2000-07-14
RUMBER OF SEQ ID NOS: 27
SOFTWARE: FRASTSEQ for Windows Version 4
SEQ ID NO 16
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                  Sequence 16, Application US/09823647B Patent No. 6596490
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Best Local Similarity
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Best Local Similarity
                                                                                                                                           APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 47541-20004.20
CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03.
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PATENT NO. 6596490

GENERAL INFORMATION:
APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 47541-20004.20
CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR FILING DATE: 2000-07-14
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US-09-823-647B-17
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                                   Query Match
Best Local Similarity
Matches 16; Conserv
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 29, Application US/09825497A Patent No. 6599742
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Best Local Similarity
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Best Local Similarity
                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-825-497A-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                 FILE REFERENCE: ISPH-0572
CURRENT APPLICATION NUMBER: US/09/825,497A
CURRENT FILING DATE: 2001-04-06
                                                                                                                                                                                                                                                                                                                       APPLICANT: Honkanen, Richard E.
APPLICANT: Dean, Nicholas M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODUATION OF HUMAN SERINE/THREONINE PROTITLE OF INVENTION: PHOSPHATASE GENE EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Oligo AGT02023
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                                                                                                                                                                                                LENGTH: 20
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5883 CTCCTTGACTGCAGAAGACC 5902
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                                     Conservative
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                                                  0.2%; Score 13.6; DB 1; 80.0%; Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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                                     Mismatches
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                                                                    Length 20;
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                                                  RESULT 2745
US-09-689-065B-10
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CURRENT APPLICATION NUMBER: US/09/780,045
CURRENT FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
FEATURE:
FEATURE:
FEATURE:
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                                                                                                                                     ; OTHER INFORMATION: Antisense Oligonucleotide US-09-780-045-24
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US-09-780-045-24/c
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GENERAL INFORMATION:
APPLICANT: JACKSON, I
APPLICANT: LORENZI,
APPLICANT: ATTAR, R1
APPLICANT: GOTTARDIS
                                                                                                                                                                                                                                                                                                                                                          Sequence 24, Application US/09780045
Patent No. 6602713
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 72
LENGTH: 20
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Sequence 72, App.
                                                                    Matches
                                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: LORENZI, MATTHEW
APPLICANT: ATTAK, RICARDO
APPLICANT: GOTTARDIS, MARCO
TITLE GOTTARDIS, MOVEL HUMAN HISTONE PEPTIDES
FILE REFERENCE: 3053-4145US1
CURRENT APPLICATION NUMBER: US/10/072,094
CURRENT FILING DATE: 2002-06-14
                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: ANTISENSE MODULATION OF TITLE OF INVENTION: EXPRESSION FILE REFERENCE: RTS-0130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/298,296
PRIOR FILING DATE: 2001-06-14
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                                68
20 GCTGGGCTTGGGCGGGGGCGC 1
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                              GCCGGGCTTGGTAGGGGAGC 108
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                                                                  Conservative
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                                                                                  Pred. No. 2.3e+03;
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                                                                    Mismatches
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                                                                                               Length 20;
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GENERAL INFORMATION: Sequence 10, Application Patent No. 6605696

us/09689065B

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Sequence 7, Application US/08944410

Patent No. 6607878

GENERAL INFORMATION:
APPLICANT: SOZGE, JOSEPH A.
TITLE OF INVENTION: COLLECTIONS OF UNIQUELY TAGGED MOLECULES
FILE REFERENCE: 04121.0018-00000
CURRENT APPLICATION NUMBER: US/08/944,410
CURRENT FILING DATE: 1997-10-06
INVENER OF SEQ ID NOS: 113
SOUTHARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 20
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Best Local Similarity
Watches 16; Conserve
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                                                                                                                                                                                                                                                                                                                                       US-09-526-193A-79/c
APPLICANT: Hayden, Michael R.
APPLICANT: BITOOKS-Wilson, Angela R.
APPLICANT: BITOOKS-Wilson, Angela R.
APPLICANT: BITOOKS-WILSON, AND REAGENTS FOR
TITLE OF INVENTION: CHOLESTEROL LEVELS
FILE REFERENCE: 5010/002005
CURRENT APPLICATION NUMBER: US/09/526,193A
CURRENT FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR FILING DATE: 1999-03-05
PRIOR FILING DATE: 1999-06-08
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Best Local Similarity 80.0%;
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TITLE OF INVENTION: LAMEBONIA INTRACELLULARIS PROTEINS AND RELATED METHODS
TITLE OF INVENTION: MATERIALS
FILE REFERENCE: 3153.00187/PC10589A
CURRENT APPLICATION NUMBER: US/09/689,065B
CURRENT FILING DATE: 2000-10-12
PRIOR APPLICATION NUMBER: US Prov. 60/160,922
PRIOR APPLICATION NUMBER: US Prov. 60/163,858
PRIOR PILING DATE: 1999-10-22
PRIOR APPLICATION NUMBER: US Prov. 60/163,858
PRIOR PILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 112
PRIOR FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 112
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Pred. No. 2.3e+03;
0; Mismatches 4
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Pred. No. 2.3e+03;
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APPLICANT: Zhou, Nan
APPLICANT: Feys, Bart
TITLE OF INVENTION: PAD4 COMPOSITIONS AND METHODS THEREFOR
FILE REFERENCE: 045503.0009
CURRENT APPLICATION NUMBER: US/09/434,840
CURRENT FILING DATE: 1999-11-04
EARLIER APPLICATION NUMBER: 09/190,733
EARLIER FILING DATE: 1998-11-12
NUMBER: 0F SEQ ID NOS: 85
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 16
LENGTH: 20
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-79
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US-09-434-840-16
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SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 79
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Best Local Similarity 80.0%;
Matches 16; Conservative
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Patent No. 6623937
GENERAL INFORMATI
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Best Local Similarity
Matches 16; Conserv
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Patent No. 6620985
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/139,600 PRIOR PILING DATE: 1999-06-17 PRIOR APPLICATION NUMBER: 60/151,977 PRIOR FILING DATE: 1999-09-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Glazebrook, Jane
APPLICANT: Jirage, Dayadevi
APPLICANT: Tootle, Tina L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                           APPLICANT: Bonini, Nancy M.
APPLICANT: Leiserson, William M.
APPLICANT: Benzer, Seymour
TITLE OP INVENTION: PROGRAMMED CELL DEATH ANTAGONIST
TITLE OF INVENTION: PROTEINS
                                                                                       NUMBER OF SEQUENCES: 8
                               ADDRESSEE: Plehr, Hohbach, Test, Albritton & Herbert STREET: 4 Embarcadero Center, Suite 3400 CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2330 AGAAACGCCATCACACCCGC 2349
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United States
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03;
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TOPOLOGY:
US-08-754-311B-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/195,152
FILING DATE: 14-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-59551/RFT/RMS
TELECOMMUNICATION INFORMATION:
TELEPAN: (415) 781-1989
TELEPAN: (415) 398-3249
TELEPAN: 910 277299
INFORMATION FOR SEQ ID NO: 8:
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Best Local Similarity 80.0%;
Matches 16; Conservative
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/754,311B
FILING DATE: 21-NOV-1996
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TYPE: nucleic acid
STRANDEDNESS: double
                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/09/916,963
PILING DATE: 26-U1-2001
CLASSIFICATION: CUNKnown>
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
BELING DATE: 06-UNN-1995
                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: RECOMBINANT I COMPOSITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Paoletti,
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                                                                                                                                                                                                                                                                                                                                                                                        STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Curtis, Morris & Safford STREET: 530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                  ZIP: 10036
                                                                                                                                                                                                                                                                                                                                                                COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                               CITY: New York
                    NAME: Frommer Esq., William S. REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2720
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Pred. No. 2.3e+03;
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; OTHER INFORMATION: Antisense Oligonucleotide US-09-860-473-161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-860-473-161
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-664-846A-2
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                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: APPLICANT: AND APPLICANT: AP
                                                                                                                                             NUMBER OF SEQ ID NOS: 169
SEQ ID NO 161
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.1 SEQ ID NO 2
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APPLICANT: Tu, Chin-Fu
APPLICANT: Tsuji, Kim.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.2%;
Best Local Similarity 80.0%;
Matches 16; Conservative
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Patent No. 6656732
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Lee, Jang-Ming
APPLICANT: Lee, Chun-Jean
TITLE OP INVENTION: Transgenic Swine Having HLA-D Gene, Swine Cells Thereof and Xenog
TITLE OF INVENTION: Therefrom
FILE REFERENCE: P1199
CURRENT APPLICATION NUMBER: US/09/664,846A
CURRENT FILING DATE: 2000-09-19
NUMBER OF SEQ ID NOS: 8
                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/860,473
CURRENT FILING DATE: 2001-05-18
                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Transgenic Swine Cell DNA
                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (212) 840-
INFORMATION FOR SEQ ID NO: 5:
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MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO:
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tsuji, Kimiyoshi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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Pred. No. 2.
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Pred. No. 2.3e+03;
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CURRENT FILING DATE: 1998-06-05
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3, Application US/09092218A Patent No. 6660520 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 93, App
Patent No. 66701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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                                                                                        PRIOR APPLICATION NUMBER: KR 10-2000-0018189
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 243
SOFTWARE: Kopatentin 1.71
SEQ ID NO 93
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                          TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria FILE REFERENCE: PP05020/PCT CURRENT APPLICATION NUMBER: US/09/980,052 CURRENT FILING DATE: 2001-11-28 PRIOR APPLICATION NUMBER: KR 10-1999-0019631 PRIOR FILING DATE: 1999-05-29 PRIOR FILING DATE: 1999-05-29 PRIOR FILING DATE: 1999-05-29 PRIOR PILING DATE: 1999-05-29 PRIOR APPLICATION NUMBER: KR 10-1999-0019633 PRIOR APPLICATION NUMBER: KR 10-1999-0019634 PRIOR APPLICATION NUMBER: KR 10-1999-0019634 PRIOR APPLICATION NUMBER: KR 10-1999-0019634 PRIOR APPLICATION NUMBER: KR 10-1999-0019635 PRIOR APPLICATION NUMBER: KR 10-1999-0019635 PRIOR APPLICATION NUMBER: KR 10-1999-0019636 PRIOR FILING DATE: 1999-05-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., APPLICANT: KIM, Cheol Min APPLICANT: PARK, Hee Kyung
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 09-980-052-93
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APPLICANT: Wilding, Edwina Imog
APPLICANT: Shilling, Liaa K.
APPLICANT: Kosmatka, Anna L.
APPLICANT: Jaworski, Deborah D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Wang, Min
TITLE OF INVENTION: nrdE
FILE REFERENCE: GM10156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Streptococcus pneumoniae
                            ORGANISM: Artificial Sequence FEATURE:
                                                                     TYPE: DNA
OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     7126 CCTGTGCACACAGTCCAGCC 7145
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
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Patent No. 6670465
GENERAL INFORMATION:
APPLICANT: University Technologies International Inc.
APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) IF-SUBUNIT GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 9, Application PC/TUS9105742 GENERAL INFORMATION:
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Best Local Similarity 80.0%;
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                                                                                                         CURRENT APPLICATION DATA:
APPLICATION UMBER: PCT/US91/
PILING DATE: 19910813
CLASSIFICATION: 435
'AITORNEY/AGENT INFORMATION:
NAME: Licate, Jane Massey
REGISTRATION NUMBER: 22,257
REFERENCE/DOCKET NUMBER: 1SIS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT APPLICATION NUMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
                                        TELEFAX: (215)568-3439)
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Cowsert, Lex M
APPLICANT: Ecker, David J
TITLE OF INVENTION: Inhibition of Influenza Viruses
NUMBER OF SEQUENCES: 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PS/
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: One Liberty CITY: Philadelphia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
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One Liberty Place--46th floor
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Pred. No. 2.3e
0; Mismatches
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Pred. No. 2.3e+03;
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RESULT 2758
PCT-US93-04863-23/c
; Sequence 23, Application PC/TUS9304863
; GENERAL INFORMATION:
; APPLICANT: Ronald L. Marshall
                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3499]
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LEMGTH: 20 base pairs
TYPE: NTOTAL
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PCT-US91-05742-11/c
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Best Local (
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Best Local &
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HYPOTHETICAL: N
ANTI-SENSE: YES
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OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
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WEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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APPLICANT: Ecker, David J
 APPLICANT:
                                                                                                                                                                                                                                                                                                                                            TYPE: NUCLEIC ACID
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One Liberty Place--46th floor
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Ronald L. Marshall John J. Carrino
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Pred. No. 2.3e+03
                                                                                                                                                                                                     Score 13.6;
Pred. No. 2.
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RESULT 2759
PCT-US95-04477-60/c
; Sequence 60, Application PC/TUS9504477
; GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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OPERATING SYSTEM: PC-DOS/MS-DOS

SOPTWARE: WOOTOPETECT

CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/0486:
PTLING DATE: 1930524

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/891,543

FILING DATE: 29 MAY 1992

ATTORNEY/AGENT INFORMATION:

NAME: Thorney DATA:

AND THE TORNEY DATA:

AND THE TORNEY DATA:

THORNEY DATA:

THO
                        APPLICATION NUMBER: US 0
FILING DATE: 14-APR-1994
INFORMATION FOR SEQ ID NO: 66
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RES
TITLE OF INVENTION: CYTOKINES AND METHODS FOR THEIR US
NUMBER OF SEQUENCES: 165
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Thomas D. Brainard REGISTRATION NUMBER: 32,459 REFERENCE/DOCKET NUMBER: 51.
TELECOMMUNICATION INFORMATION: TELEPHONE: 708-937-4884
                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: Other nucleic acid (synthetic DNA)
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MEDIUM TYPE: Floppy diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Joann C. Sustachek
APPLICANT: ABBOTT LABORATORIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: NUCLEIC
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: One Abbott Park Road CITY: Abbott Park STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
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nucleic acid
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                                                                                                                                                                                             US 08/228,935
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Pred. No. 2.3e+03;
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                                                                                   RESULT 2761
PCT-US95-07111A-44
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Best Local Similarity 80.0%;
Matches 16; Conservative
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Sequence 36, Application PC/TUS9506379
GENERAL INFORMATION:
Sequence 44, Application PC/TUS9507111A
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonuclectide Modulation
TITLE OF INVENTION: of raf Gene Expression
                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                         Query Match
Best Local
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MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PATENTIN Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06379
FILING DATE: May 13, 1994
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 212-391-0526 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Watanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
APPLICANT: Well, Roger
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44
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MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 212-278-0400
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ADDRESSEE: Cooper & 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
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DESCRIPTION:
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STATE: New York
COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                      Match 0.2%;
Local Similarity 80.0%;
Les 16; Conservative
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                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
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/desc = "OTHER NUCLEIC ACID,
SYNTHETIC DNA"
                                                                                                                                                                                                                                                                                                         DNA (genomic)
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Pred. No. 2.3e+03;
                                                                                                                                                                                                                                         Score 13.6; DB 1; Length 20; Pred. No. 2.3e+03;
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Best Local Similarity 80...
16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION UNMBER: 08/250,856
APPLICATION NUMBER: 08/250,856
PILING DATE: MAY 31, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REGERENCE/DOCKET NUMBER: 15PH-0135
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (609) 779-84
INFORMATION FOR SEQ ID NO:
                                                                                                                                                             ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Plant Genes f.
TITLE OF INVENTION: and Pathogens
NUMBER OF SEQUENCES: 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
OPERATING WONDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07111A
FILLING DATE: May 31, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
                                                                                    SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07744A
FILING DATE: 15-JUNE-1995
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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                                                          CLASSIFICATION: PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: Linear ANTI-SENSE: Yes
APPLICATION NUMBER: 08/2 FILING DATE: June 17, 19 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 210 Lake CITY: Cherry Hill
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                                                                                                                                                                                                                                                        COUNTRY: U
                                                                                                                                                                                                                                                                                                           STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & Norris
STREET: One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
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k; Pred. No. 2.3e
0; Mismatches
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Beardell, Lori Y.

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; MOLECULE TYPE:
PCT-US95-14418-40
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; Sequence 40, Application PC/TUS9514418
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                                                              Matches
                                                                           Query Match
Best Local Similarity
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                     TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                              CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
REGISTRATION NUMBER: 38,153
REFERENCE/DOCKET NUMBER: 28003/32330
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: United States of America
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/14418
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEB: Marchall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 34,293
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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ANTI-SENSE: YES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 6300 S
                                                                                                                                                                                   TYPE: nucleic acid
                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                    TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6074 CTGGTTCTTTTTCTCTTTAC 6093
                             3626 TGGGGGTGGGAGGAGGAGGTA 3645
 20
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TCGGGGCGGGAGAGGACGAA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Illinois
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                                                              Conservative
                                                                                                                                                          linear
                                                                                                                                        DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CDNA
                                                                                                                                                                        single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DNA Encoding a Thermostable DNA Polymerase Enzyme : 51
                                                                           0.2%;
                                                                                                                                                                                                                                      40:
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                                                                           Score 13.6; DB 1;
Pred. No. 2.3e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 13.6; DB 1;
Pred. No. 2.3e+03;
                                                              Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
                                                                                            DB 1;
                                                                                          Length 20;
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                                                            Gaps
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PCT-US95-15327-40/c
; Sequence 40, Application PC/TUS9515327
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                             Sequence 10, Application PC/TUS9600331
GENERAL INFORMATION:
APPLICANT: GENTA INCORPORATED
TITLE OF INVENTION: MCTHODS AND COMPOSITION FOR
TITLE OF INVENTION: TREATING TUMOR CELLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM COmpatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WOR'D PERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPUTER: DC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Ly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: GASS, DAVID A.
REGISTRATION NUMBER: 38,153
REFERENCE/DOCKET NUMBER: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/15327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE:
                                                                                                                                                                  STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: Sir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.2%;
Local Similarity 80.0%;
es 16; Conservation
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TELEX: 25-3856
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Chicago
STATE: Illinois
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             United States of America
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00 Sears Tower, 233
                                                                                                                                                                                                                                         Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   single
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Thermus Flavus DNA Polymerase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               40:
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Pred. No. 2.3e+03;
                                                                                             1.44 Mb
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PCT-US96-00547-5/c
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BEST Local Similarity 80.0%;
Matches 16; Conservativo
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                  TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/371, OU APPLICATION NUMBER: 10 JANUARY 1995 ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 530 STREET: New York STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US OB
FILING DATE: 13-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: PCT/US96/00547
APPLICATION NUMBER: PCT/US96/00547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Virogenetics Corporation
TITLE OF INVENTION: RECOMBINANT FOXVIRUS-HTLV, COMPOSITIONS
TITLE OF INVENTION: AND USES
NUMBER OF SEQUENCES: 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: Other Nucleic Acid
                                                                                                                           REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2621
TELECOMMUNICATION IMPORMATION:
TELEPHONE: (212) 840-3333
                                                                                                   TELEPHONE: 141-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (213) 955-0440
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 216
LECOMMUNICATION TWOCERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: BIGGS, SUZANNI REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: 10 JAN
                                                                                                                                                                                                                                                                                                    FILING DATE: 1
CLASSIFICATION:
             LENGTH: 20 base pairs TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 10036
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linear
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10 JANUARY 1996
                                                                                                                                                                                                                                                                                                                       12-JAN-1996
                                                                                                                                                                                                                                                                US 08/372,664
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Pred. No. 2.3e+03;
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; Sequence 13, Application US/08933149
; Patent No. 5922836
; GENERAL INFORMATION:
; APPLICANT: WATSON, WARK A.
; APPLICANT: FLEMING, TIMOTHY P.
; TITLE OF INVENTION: MAMMARY SPECIF.
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                                                                                                                                 RESULT 2768
                                                                                                                US-08-933-149-13/c
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US-08-455-896-13
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Best Local Similarity 80.0%;
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (314) 727-609
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 9527
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: WATSON, NAPPLICANT: FLEMING,
                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH:
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MISSOURI
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7733 FORSYTH BOULEVARD, SUITE 1400
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                                                                                                                                                                                                                                                                                                                                                                           linear
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, TIMOTHY P.
TIMOTHY P.
MAMMAGLOBIN, A SECRETED
MAMMARY SPECIFIC BREAST CANCER PROTEIN
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                                                                                                                                                                                                                                                             Score 13.6;
Pred. No. 2.
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Pred. No. 2.3e+03
                                                                                                                                                                                                                                                Mismatches
                                                                                                                                                                                                                                                             .4e+03;
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                                                                                                                                                                                                                                                                                DB 1;
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NUMBER OF SEQUENCES:

14

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RESULT 2769
US-09-082-343-13/c
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                                                                                                                                                                                                                                                                                                 equence atent to 596%;
atent 0. 596%;
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TINOTHY P.
APPLICANT: FLEMING, TINOTHY P.
APPLICANT: OF INVENTION: DNA SEQUENCE AND ENCODED MANMARY-SPECIFIC BREAST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: HENDERSON, MELODIE W.
REGISTRATION NUMBER: 37,848
REFERENCE/DOCKET NUMBER: 6029.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 13, Application US/09082343 Patent No. 5968754
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 63105-1817
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: ST. STATE: MISSOUR COUNTRY: USA 63105-18
CLASSIFICATION:
PRIOR APPLICATION NUMBER:
                                                                                                                    COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US,
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                                                                                                                                                                                                                  STATE: M
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: sing
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                                                      FILING DATE:
                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                        CITY: ST. LOUIS
                                                                                                                                                                                                                                                                         STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 424
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                                                                                                                                                                                                                                                                                          ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4020 AAAAAAGAGAGAAAACAAAA 4039
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7733 FORSYTH BOULEVARD, SUITE 1400
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                                                                                                                                                                                                                      USA
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                                                                       US/09/082,343
08/455,896
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Pred. No. 2.4e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 10, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Cassey, C. T.
APPLICANT: Cassey, C. T.
APPLICANT: Cassey, C. T.
TITLE OF INVENTION: OLICONUCLEOTIDE REPEAT ARRAYS
                                         Query Match
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Matches 16; Conserv
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                                                                                                                                                          TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 1188
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: 1 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: (314) 727-5188
                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel Wordberfect 8 version
CURRENT APPLICATION DATA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
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HYPOTHETICAL: NO
ANTI-SENSE: NO
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                                                                                             MOLECULE TYPE: Other nucleic acid
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y match 0.2%;
Local Similarity 80.0%;
hes 16; Conservative
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STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 223
CITY: Pasadena
                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: May 20 CLASSIFICATION: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 952726
                                                                                                           TOPOLOGY:
                                                                                                             STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 91101
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
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                                                                                                                                             nucleic acid
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                                                                                                                                                                                                                                                                                                                                                    May 28, 1997
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        Score 13.6; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 4;
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                                         Length 21;
          Indels
          <u>.</u>
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US-08-416-214A-12/c
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                                     Parent No. 5998596
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: BEGGGN: Inhibition Of Protein
TITLE OF INVENTION: Inhibition Of Protein
TITLE OF INVENTION: Kinase Activity By Aptameric Action Of
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                            Sequence 12, Application US/08416214A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (626) 795-6321 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Matson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: ACROPPI E. Mueth
REGISTATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLECTIDE REPEAT ARRAYS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
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               STREET:
                                 ADDRESSEE:
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NEW YORK
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: Coassin, Peter J.
: Rampal, Jang B.
: Caskey, C. T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           21 base pairs
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               345 PARK AVENUE
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ilarity 80.0%;
Conservative
                                 MORGAN & FINNEGAN
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Pred. No. 2.4e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 13, Appl. Patent No. 600475
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APPLICATION NUMBER: US/09/082
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION UMBER: 08/455,89
FILING DATE: 05/31/1995
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 9527
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: 421792
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: WATSON, MAAPPLICANT: FLEMING, TITITLE OF INVENTION: CITITLE OF INVENTION: MATTER O
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: ,10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY!
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: FR PC COMPATING SYSTEM: PC-DOS/MS-DOS
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LENGTH: 21 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
STREET: 7733 FORSYTH BOULEVARD, SUITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: Single TOPOLOGY: Linear MOLECULE TYPE: Other nu
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: M.
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Local Similarity 80.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4020 АЛААААGAGAGAAAACAAAA 4039
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63105-1817
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DNA SEQUENCE AND ENCODED

MAMMARY-SPECIFIC BREAST CANCER PROTEIN
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                                                                                                                                                                                                                                  08/455,896
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; Pred. No. 2.46
0; Mismatches
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2.4e+03;
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RESULT 2775
US-09-509-015-13/c
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CURRENT APPLICATION NUMBER: US/09/162,622

CURRENT FILING DATE: 1998-09-29

EARLIER APPLICATION NUMBER: 08/933,149

EARLIER FILING DATE: 1997-09-18

EARLIER APPLICATION NUMBER: PCT/US96/08235

EARLIER FILING DATE: 1996-05-31

EARLIER APPLICATION NUMBER: 08/455,896

EARLIER FILING DATE: 1995-05-31

NUMBER OF SEQ ID NOS: 21

NUMBER OF SEQ ID NOS: 21
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                                                                                                                                         Sequence 13, Application US/09509015
Patent No. 6677428
PATENT INFORMATION:
APPLICANT: WATSON, MARK S.; FLEMING, TIMOTHY P.
TITLE OF INVENTION: MARMAGLOBIN, A SECRETED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 13
LENGTH: 21
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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APPLICANT: WATSON, MARK A
APPLICANT: FLEMING, TIMOTHY P
TITLE OF INVENTION: Mammaglobin, A Secreted Mammary-Specific Breast Cancer
TITLE OF INVENTION: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
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                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
                                                                                                         NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                                                                 4020 AAAAAAGAGAGAAAACAAAA 4039
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                CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
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                                                                                                                            MAMMARY SPECIFIC BREAST CANCER PROTEIN
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Pred. No. 2.4e+03
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Pred. No. 2.4e+03;
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                 APPLICATION NUMBER: PCT/US96/08235
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 964796
                                                                                                                                                             ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FORM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTH
                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: DNA SEQUENCE AND ENCODED TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                STREET: 77
CITY: ST.
STATE: MIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.2%;
Local Similarity 80.0%;
es 16; Conservative
                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA to mRNA
                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US98/17991
FILING DATE: 1998-09-18
APPLICATION NUMBER: 08/933,149
FILING DATE: 1997-09-18
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4020 AAAAAAGAGAGAAAACAAAA 4039
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: KASTEN, DANIEL S.
REGISTRATION NUMBER: 45,363
REFERENCE/DOCKET NUMBER: 60
                                                                                                                                                                                                                                                                                                                                  MISSOURI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 63105-1817
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                                                                                                                                                                                                                                                                                                             USA
                                                                                                                                                                                                                                                                                                                                                        LOUIS
                                                                                                                                                                                                                                                                                                                                                                                              ROGERS,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TIMOTHY P.
                                                                                                                                                                                                                                                                                                                                                                                            HOWELL & HAFERKAMP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0:
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Pred. No. 2.4e+03;
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(314) 727-5188

13:

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APPLICANT: Chetverin, Alexander B.
APPLICANT: Kramer, Fred Russel;
FITTLE OF INVENTION: NOVEL OLIGONUCLECTIDE ARRAYS AND THEIR USE FOR SORTING,
TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
FILE REFERENCE: 07763-004003
CURRENT APPLICATION NUMBER: US/09/164,249B
CURRENT FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: US 08/473,010
PRIOR APPLICATION NUMBER: US 08/473,010
PRIOR APPLICATION NUMBER: US 08/247,530
PRIOR APPLICATION NUMBER: US 08/247,530
PRIOR APPLICATION NUMBER: US 08/247,530
PRIOR APPLICATION NUMBER: US 07/838,607
PRIOR APPLICATION NUMBER: US 07/838,607
PRIOR PILING DATE: 1994-05-23
PRIOR APPLICATION NUMBER: US 07/838,607
PRIOR FILING DATE: 1994-05-21
NUMBER OF SEG ID NOS: 18
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Garner, Harold R.
APPLICANT: Wren, John D.
APPLICANT: Winna, John D.
APPLICANT: Minna, John D.
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NOWBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 119
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local (
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Best Local Similarity
Matches 16; Conser
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 6, Application US/09164249B Patent No. 6322971
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TELEPAX: (314) 727-6092
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: human
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Pred. No. 2.
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Pred. No. 2.4e+03;
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GENERAL INFORMATION:

APPLICANT: Vaisberg, Eugeni
APPLICANT: Adams, Cynthia
APPLICANT: Sabry, James
APPLICANT: Sabry, James
TITLE OF INVENTION: Database system including computer code
TITLE OF INVENTION: for predictive cellular bioinformatics
FILE REFERENCE: CytoP007C2
CURRENT APPLICATION NUMBER: US/09/721,154
CURRENT FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 09/311,996
PRIOR FILING DATE: 1999-05-14
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US-09-721-154-2/c
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SOPTWARE: PASTSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 24
TYPE: DNA
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Patent No. 6651008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.2%;
Best Local Similarity 80.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
OTHER INFORMATION: Psuedo-sequence
           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                  APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: Cloning And
                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                       COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity 80.0%;
                                                                                                                        ZIP: 10036-2711
                                                                                                                                     COUNTRY: U.S.A.
                                                                                                                                                            STATE:
                                                                                                                                                                             STREET: 1155 Av. CITY: New York
                                                                                                                                                                                                                 ADDRESSEE:
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                                                                                                                                                          New York
                                                                                                                                                                                              1155 Avenue of the Americas
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US/08/014,943A
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Pred. No. 2.9e+03;
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Pred. No. 2.9e+03;
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                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911
FILING DATE: 06-UUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: COTUZZI, LAUTA A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEPHONE: 66141 PENNIE
                                                                                           INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: COTUZZÍ, LAURA A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 69:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
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TOPOLOGY: 1: MOLECULE TYPE:
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TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
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STRANDEDNESS: single
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CLASSIFICATION:
                                 STRANDEDNESS: single
                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08 FILING DATE: 07-JUN-1995
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                                                                         LENGTH: 24 base pairs
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Y: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: Pennie & Edmonds
1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.2%; Score 13.6; DB 1;
80.0%; Pred. No. 2.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                   US/08/486,421
                                                                                                               46:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
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RESULT 2783
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US-08-470-911-46/c
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                                                                                                                                                                                                            US-08-486-809-46/c
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Best Local Similarity 80.0%;
Matches 16; Conservative
                                                                                                                                                                   Sequence 46, Application US/08486809
Patent No. 5869622
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.

ZIP: 10036-2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPACIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,911
FILING DATE: 06-UN-1995
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 46, Application US/08470911 Patent No. 5756684
                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.2%;
Best Local Similarity 80.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (212) 869-970
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: COTUZZÍ, LAURA A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
Famine & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                                                                                             APPLICANT: Johnson, Edward M. APPLICANT: Bergemann, Andrew D. TITLE OF INVENTION: CLONING AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: New York
STATE: New Yor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
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                                                                                                                                                                                                                                                                                                                            7030 AATAGGAAACCCTCCAAGAA 7049
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               H: 24 base pairs nucleic acid NDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                    Conservative
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Pred. No. 2.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                    Score 13.6; DB 1;
Pred. No. 2.9e+03;
                                                                                                                                                                                                                                                                                                                                                                      Mismatches
                                                                                                 EXPRESSION OF PUR PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                     Length 24;
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, MOLECULE TYPE: DNA US-08-486-809-46
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US-08-181-271A-85
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 85, Application US/08181271A Patent No: 5614395
                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 66141 PENNIE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: PATEM: PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,809
FILING DATE: 07-UN-1995
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                 APPLICANT:
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
                                                                         APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GETTY Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (Z11,
TELEFAX: 66141 PENNIE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (212) 790-9090
TELEPAX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: New York
                                                              STREET:
                           STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH:
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10036-2711
10532
                                             Hawthorne
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             24 base pairs
                                                              7 Skyline Drive
                                                                                                                                                           Ward, Eric
Williams,
                                                                                                                                                                                                                                                                                                                               Duesing, John H.
Friedrich, Leslie B.
Goodman, Robert M.
Harms, Christian
                                                                                                                                                                                                                                                                              Meins, Jr., Free Montoya, Alice Moyer, Mary B.
                                                                                                                                                                                                                                                                                                                                                                                                                 Ryale, John A.
Alexander, Danny C.
                                                                                                                                                                                                            Sperison, Christoph
Stinson, Jeffrey R.
             USA
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                                                                                                                                                                                              Uknes, Scott J.
                                                                                                                                                                                                                                                  Payne,
                                                                                                                                                                                                                                                                Neuhaus, Jean-Marc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             single
                                                                                                                                                                              Eric
                                                                                                                                                                                                                                           George B.
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                                                                                                                                   US-08-181-271A-85
                                                           Matches
                                                                         Query Match
Best Local
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
                                                                                                                                                                                                                                                                                                                                           FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORWATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,12
REFERENCE/DOCKET NUMBER: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: |
FILING DATE: 6-MAR-19
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/632,441
PILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
PILING DATE: 20-OCT 1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US PILING DATE: 6-FEB-1989 PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COmpatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 01
                                                                                                                                                STRANDEDNESS: 811
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: (919)541-8614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/368,672 FILING DATE: 20-JUN-1989 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 07/768,122 FILING DATE: 27-SEP-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 07/165,667 FILING DATE: 8-MAR-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 07/580,431 FILING DATE: 7-SEP-1990
                                                                                                                                                                                                                                                                                                         TELEPHONE:
4020 AAAAAAGAGAGAAAACAAAA 4039
                                                           16; Conservative
                                                                             Similarity
                                                                                                                                                                                                              nucleic acid
                                                                                                                                                                                                                                                                                         (919)541-8689
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                                                                                                                                                                                            single
                                                                           0.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                              US 08/045,957
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                                                                                                                                                                                                                                                                                                                                                                 36,129
                                                       Score 13.6; DB 1; Length 30; Pred. No. 3.3e+03; 0; Mismatches 4; Indels
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                                                           Gaps
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**ААААААААААААААСАТАА** 29

US-08-449-315-85

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APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Priedrich, Leslie B.
APPLICANT: Friedrich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Meins, Christian
APPLICANT: Meins, Jr., Frederick
APPLICANT: Meins, Jr., Frederick
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Sperison, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Williams, Scott J.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 5650505
GENERAL INFORMATION:
APPLICANT: Ryals,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 85, Application US/08449315 Patent No. 5650505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION UNUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION UNBER: US 07/678,778
PRIOR APPLICATION DATA:
APPLICATION UNBER: US 07/678,778
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/449,315
FILING DATE: 24-WAY-1995
CLASSIFICATION: 800
CLASSIFICATION: 800
                                                                                                                                           APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
               PILING DATE: 20-OCT PRIOR APPLICATION NUMBER: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                      FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
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CITY: Hawthorne
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 07/678,378 FILING DATE: 1-APR-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E: CIBA-GEIGY Corporation 7 Skyline Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
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                                                                     IMBER: US 07/425,504
20-OCT 1989
6-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            John A.
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                       US 07/848,506
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RESULT 2786
US-08-444-803-85
; Sequence 85, Appli
; Patent No. 5654414
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPAX: (919) --- 81
INFORMATION FOR SEQ ID NO: 81
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
TYPE: nucleic single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.2%;
Best Local Similarity 80.0%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION: APPLICANT: Ryals,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/
PILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07
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PILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US (
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APPLICATION NUMBER: 1
FILING DATE: 27-SEP-
PRIOR APPLICATION DATA:
                                          APPLICANT: Williams
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                APPLICANT:
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               CORRESPONDENCE ADDRESS
                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                              APPLICANT:
                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: 81
ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4020 AAAAAAGAGAGAAAACAAAA 4039
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                                                                                                                                                                                Mein.,
Montoya, A.-
Montoya, A.-
Tean-
                                              Williams, Shericca C.
VENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
VENTION: DNA SEQUENCES AND USES THEREOF
                                                                                              Ward, Eric R.
                                                                                                           Sperison, Christoph
Stinson, Jeffrey R.
Uknes, Scott J.
                                                                                                                                                                                                             Harms, Christian
Meins, Jr., Fred
Montoya, Alice
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                                                                                                                                                                                                                                                                                                                                               Ryals, John A.
                                                                                                                                                                  Payne,
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CIBA-GEIGY Corporation
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24-MAR-1989
                                                                                                                                                                                                                                                                                                              James J
                                                                                                                                                               George B.
                                                                                                                                                                              Jean-Marc
                                106
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                                                                                                                                                                                                                                Frederick
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 13.6; DB 1;
Pred. No. 3.3e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 30;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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COMPUTER READABLE FORM:

STATE: N

USA

CITY: Hawthorne STATE: New York

STREET:

7 Skyline Drive

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                                                                                                                                 ; TOPOLOGY: 11;
; MOLECULE TYPE:
US-08-444-803-85
                                       Query Match 0.2%; Score 13.6; DB 1; Best Local Similarity 80.0%; Pred. No. 3.3e+03; Matches 16; Conservative 0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Vo
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/444,803
FILING DATE: 19-MAY-1995
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 8-MAR-1988

PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/042,847
FILING DATE: 6-APR-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990

PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 07/937,197

FILING DATE: 6-NOV-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/678,378

FILING DATE: 1-APR-1991

PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                            TELEFAX: (919)541-8689 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08
FILING DATE: 13-JAN-94
                                                                                                                                                                                                                                                                                                                                 NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 07/580,431 FILING DATE: 7-SEP-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 07/425,504 FILING DATE: 20-OCT 1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 07/305,566 FILING DATE: 6-FEB-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 20-JUN-1989
                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
  4020 AAAAAAGAGAGAAAACAAAA 4039
                                                                                                                                                                                                                        nucleic acid
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19-MAY-1995
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                                                                                    Length 30;
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                                              Gaps
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RESULT 2787
US-08-449-043-85
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Sequence 85, App...
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APPLICANT: Rya
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 800
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: 08/
APPLICATION NUMBER: 13-JAN 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: / L...
STREET: / L...
CITY: Hawthorne
CITY: New York
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ADDRESSEE: CIBA-GEIGY Corporation
                                                                                                                                                APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/937,197

PILING DATE: 6-NOV-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/678,378

FILING DATE: 1-APR-1991
                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
FILING DATE: 20-OCT
                                                                                               PILING DATE: 6-APR-1
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                      FILING DATE: 6-FEB-1989 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: CHEMICALLY RECTITLE OF INVENTION: DNA SEQUENCES NUMBER OF SEQUENCES: 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 13-JAJ
APPLICATION NUMBER:
FILING DATE: 16-JUJ
                                                                                   FILING DATE: 21-DEC-1990
                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 07/305,566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 24-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
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Meins, Jr., Frede
Montoya, Alice
Moyer, Mary B.
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Williams, Shericca C.
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Stinson, Jeffrey R.
Uknes, Scott J.
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Payne, George B.
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                                                                                                                                     6-APR-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                  US 08/093,301
                                                                                                   US 07/632,441
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                                                US 07/425,504
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US 07/848,506
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SES AND USES THEREOF
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6-MAR-1992

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                                                                                                                                                                                                                                                                                                                    Patent NO. 5767385

GENERAL INFORMATION:
APPLICANT: Alexander, Danny C.
APPLICANT: Ryals, John A.
APPLICANT: Goodman, Robert M.
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Stinson, Jeffrey R.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-456-265A-85
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Best Local 9
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08
PULLING DATE: 13-JAN-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/368,672
                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM CC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                 STREET: 52.
STREET: 72.
CITY: Tarrytown
CTATE: New York
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PRIOR APPLICATION NUMBER: US 07/580,431
PILING DATE: 7-SEP-1990
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 00
FILING DATE: 12-APR-1993
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
PRIOR APPLICAT
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local
                                                                                       APPLICATION NUMBER: US
FILING DATE: 31-MAY-95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                                                                               COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 27-SEP-1991
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APPLICATION NUMBER: US 07/768,122
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Application US/08456265A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US 08/045,957
                                   US 08/181,271
                                                                                                            US/08/456,265A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0;
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US-08-455-416-85

Sequence 85, Application US/08455416 Patent No. 5777200

GENERAL INFORMATION:
APPLICANT: Ryals,
APPLICANT: Alexano

Ryals, John A. Alexander, Danny C.

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RESULT 2789
                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 16; Conserv
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FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT 1989
PRIOR APPLICATION DATA:
APPLIC
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INFORMATION FOR SEQ ID NO:
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ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION UNMBER: 38,241
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727/DIV10
TELECOMMUNICATION INFORMATION:
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FILING DATE: 16-UUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
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FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
PILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                        0.2%; Score 13.6; DB 1; Length 30; ilarity 80.0%; Pred. No. 3.3e+03; Conservative 0; Mismatches 4; Indels
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PILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
PILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT 1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
PRIOR APPLICATION NUMBER: US 07/768,122
PRIOR APPLICATION NUMBER: US 07/768,122
PRIOR APPLICATION NUMBER: US 07/768,122
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APPLICATION NUMBER: 08/1
APPLICATION NUMBER: 08/1
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APPLICANT: Ward, Eric R.

APPLICANT: Williams, Shericca C.

TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
COPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 07/305,566
PILING DATE: 6-PEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
PILING DATE: 8-MAR-1988
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FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 1
FILING DATE: 16-JUL-
PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/455,416
FILING DATE: 31-MAY-1995
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ADDRESSEE: CIBA-GEIGY Corporation
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FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0:
FILING DATE: 20-JUN-1989
                                                                                                                                                                                              FILING DATE: 27-SEP-1
PRIOR APPLICATION DATA:
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                                                                                                                                                     APPLICATION NUMBER: US 07/580,431
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Neuhaus, ve...
Thristc
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Meins, Jr., Prede
Montoya, Alice
Moyer, Mary B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Duesing,
Friedrich, Lesa-
Friedrich, Les
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sperison, Christoph
Stinson, Jeffrey R.
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                                            US 07/368,672
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION: APPLICANT: Ryals,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: 5-1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
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FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
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APPLICANT:
APPLICANT:
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APPLICANT:
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                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA
                                                                            SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                   APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT
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REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
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                                             APPLICATION NUMBER: US/08/455,244 FILING DATE: 31-MAY-1995
                                                                                                                                                                                                   STATE: New York
                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH:
                              CLASSIFICATION:
                                                                                                                                                                                      COUNTRY:
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 APPLICATION NUMBER:
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                                                                                                                                                                       10532
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Harms, Christian
Meins, Jr., Frederick
Montoya, Alice
Moyer, Mary B.
                                                                                                                                                                                                                                     7 Skyline Drive
                                                                                                                                                                                                                                                                                                                                          Sperison, Christoph
Stinson, Jeffrey R.
Uknes, Scott J.
Ward, Eric R.
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                                                                                                                                                                                      USA
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Friedrich, Lesli
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Alexander, Danny C.
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Payne, George B.
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                                                                                                                                                                                                                                                    CIBA-GEIGY Corporation
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                                                                                                                                                                                                                                                                                                                                                                                                                             Jean-Marc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Robert M.
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08/181,271
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Pred. No. 3.3e+03
0; Mismatches
                                                                                                Version #1.25
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Alexander, Danny C.

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US-08-454-876-85; Sequence 85; Applicat; Patent No. 5804693; GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Blmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
PILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506

FILING DATE: 6-MAR-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
                                                                                                                                                                                                                                                                                                        TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 08/042,847 FILING DATE: 6-APR-1993 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 07/937,197
PILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
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APPLICANT: Ryals, John A.
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PRIOR APPLICATION DATA:
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NIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/045,957 FILING DATE: 12-APR-1993
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                                                                                                                                                                              4020 AAAAAAGAGAGAAAACAAAA 4039
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                                                   Application US/08454876
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                                                                                                                                                                                                                   Conservative
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TUMBER: US 08/093,301
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Pred. No. 3.3e
0; Mismatches
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/454,876
FILLING DATE: 31-MAY-1995
CLASSIFICATION A35
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
FILLING DATE: 16-JUL-1993
PRIOR APPLICATION NUMBER: US 07/937,197
FILLING DATE: 6-NOV-1992
                                                                                                                                                                                                                                 APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION UNDER: US 07/632,441
APPLICATION NUMBER: US 07/632,441
PRILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
ETILING DATE: 20-OCT 1989
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APPLICATION NUMBER: U
FILING DATE: 6-MAR-19
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 07/678,378
FILING DATE: 1 - APR-1991
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                          PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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FILING DATE: 6-FEB-1989
FRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT
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                                                              APPLICATION NUMBER: FILING DATE: 7-SEP-
                                                                                                                  APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
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Ward, Eric R.
Williams, Sher
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Stinson, Jeffrey R.
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Payne, George B.
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Meins, Jr., Frederick
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MBER: US 07/368,672
20-JUN-1989
                                                                7-SEP-1990
                                                                                                                                                                                6-MAR-1992
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                                                                                                                                                                                                 US 07/848,506
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                                                                                US 07/580,431
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US-08-454-876-85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 85, Application US/08457364 Patent No. 5847258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Ryals,
APPLICANT: Alexand
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPAX: (919)541-8689
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 07/
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
PILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/F1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEPHONE: (919)541-8614
                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,364
                                                                                                                                                                                                                                                                                     APPLICANT: Stinson, Jeffrey R.
APPLICANT: Wknes, Scott J.
APPLICANT: Ward, Eric C.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Match 0.2%;
Local Similarity 80.0%;
                                                                                                                                                                                                         FILING DATE: 31-MAY-1995
CLASSIFICATION: 800
                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4020 AAAAAAGAGAGAAAACAAAA 4039
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Friedrich, Les...
Aman, Robert M.
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Stinson, Jeffrey R.
Stinson, Jeffrey R.
Uknes, Scott J.
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Payne, George B.
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Moyer, Mary B.
                                                                                                                                                                                                                                     CIBA-GEIGY Corporation
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 13.6; DB 1;
Pred. No. 3.3e+03;
                                                                   Version
                                                                    #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 30;
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                                                                               Matches
                                                                                               Query Match 0.2%; Score 13.6; DB 1; Best Local Similarity 80.0%; Pred. No. 3.3e+03;
                                                                                                                                                                                                                                                                                            TELEFAX: (919)541-8689 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/:
PILING DATE: 20-UN-1999
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/:
PILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/:
APPLICATION NUMBER: US 08/
                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                 NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT 1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
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PRIOR APPLICATION NUMBER: US 07/165,667
APPLICATION NUMBER: 8-MAR-1988
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APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
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                                                                                                                                                                            MOLECULE TYPE:
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FILING DATE: 13-JAN-94
APPLICATION NUMBER: US
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                                                                                                                                                                                                             STRANDEDNESS:
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                                        4020 AAAAAAGAGAGAAAACAAAA 4039
                                                                               16; Conservative
10 AAAAAAAAAAAAAACATAA 29
                                                                                                                                                                                                                               nucleic acid
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                                                                                                                                                                                                                 single
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                                                                               0; Mismatches
                                                                                                                   Length 30;
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                                                                                 Gaps
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RESULT 2793 US-08-456-262-85 ; Sequence 85, Application ; Patent No. 5851766

US/08456262

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GENERAL INFORMATION:

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APPLICANT:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1 - APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING TATE: 6 ANY 100
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FILING DATE: 20-OCT 1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
                                                                                                                                                                                                                                                                                                                               APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
                                                                                  FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07
FILING DATE: 27-SEP-1991
                                                                                                                                                                                                                            FILING DATE: 21-DEC-1990 PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 07/632,441
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                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 31-MAN
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Montoya, Ar...
Moyer, Mary B.
Moyer, Mary B.
Neuhaus, Jean-Marc
Neuhaus, George B.
Christop
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Harms, Christian
Meins, Jr., Frede
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Stinson, Jeffrey R.
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                                  7-SEP-1990
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Robert M.
                                                                                                      US 07/768,122
                                                   US 07/580,431
                                                                                                                                                                                                                                                                                                                    US 08/042,847
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US 07/368,672
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; MOLECULE TYPE:
US-08-456-262-85
                                                                                                US-08-456-240-85
                                                                                                               RESULT 2794
                                                                   Sequence 85, App. Patent No. 58561
                                               Patent No. 5856154
GENERAL INFORMATION:
                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                            Query Match 0.2%;
Best Local Similarity 80.0%;
                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (919)541-868
INFORMATION FOR SEQ ID NO:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,1
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 20-JUN-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 24-MAI
                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 0 FILING DATE: 12-APR-1993
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                                                                                                                                                                10 AAAAAAAAAAAAAAACATAA 29
                                                                                                                                                                                                                              16;
                                                                                Application US/08456240
                Ryals, John A.
Alexander, Danny C.
                                                                                                                                                                                                                              Conservative
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   James J.
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                                                                                                                                                                                                                                             Score 13.6;
Pred. No. 3.
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ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,240
FILING DATE: 31-MAY-1995 APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: CORRESPONDENCE ADDRESS: TITLE OF INVENTION: NUMBER OF SEQUENCES: APPLICANT APPLICANT: ADDRESSEE: STREET: 7 COUNTRY: STATE: New York CITY: Hawthorne 7 Skyline Harms, Christian Meins, Jr., Frede Montoya, Alice USA Williams, Ward, Eric R. Sperison, Christoph Stinson, Jeffrey R. Neuhaus, Jean-ma Payne, George B. Montoya, Alice Moyer, Mary B. Goodman, Duesing, John H. Friedrich, Lesli CIBA-GEIGY Corporation Skyline Drive Scott J. CHEMICALLY REC Jean-Marc Robert M. 106 Shericca C. Leslie B. Frederick REGULATABLE AND ANTI-PATHOGENIC

GENERAL INFORMATION:

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RESULT 2795
US-08-455-736-85
; Sequence 85, Application US/08455736
; Patent No. 5880328
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US-08-456-240-85
                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 16; Conserv
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: US 07/425,504
PILING DATE: 20-OCT 1989
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PRIOR APPLICATION NUMBER: US 08/042,847
APPLICATION FOR STREET OF STREET
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PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/580,431

APPLICATION TATE: 7-SEP-1990
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PRIOR APPLICATION NUMBER: US 07/768,122
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ATTORNEY/AGENT INFORMATION:
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FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
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APPLICATION NUMBER: US 07/848,506
PILING DATE: 6-MAR-1992
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APPLICATION NUMBER: US 07/165,667
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APPLICATION NUMBER: 08
FILING DATE: 13-JAN-94
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PRIOR APPLICATION DATA:
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IOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
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                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 08/045,957 FILING DATE: 12-APR-1993
                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                    4020 AAAAAAGAGAGAAAACAAAA 4039
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Elmer, James Scott
                                                                                                                                AAAAAAAAAAAAACATAA 29
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                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                                         single
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80.0%; Pred. No. 3.3e+03;
tive 0; Mismatches 4;
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                                                                                                                                                                                                                                                   Length 30;
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                                                                                                                                                                                                                  Gaps
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,736
FILING DATE: 31-MAY-1995
CLASSIFICATION 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
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APPLICANT:
APPLICANT:
APPLICANT:
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PILING DATE: 27-SEP-177.
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
APPLICATION NUMBER: 1990
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TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Ryals, John A. APPLICANT: Alexander, Danny
                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
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PILING DATE: 16-UUL-1993
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT 1989
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/165,667

FILING DATE: 8-MAR-1988

PRIOR APPLICATION DATA:
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FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                                    FILING DATE: 6-MAR-1 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 07/632,441 FILING DATE: 21-DEC-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                 APPLICATION NUMBER:
                                                                                                                                                            APPLICATION NUMBER:
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Priedrich, Leslie B
Goodman, Robert M.
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Payne, George B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Beck, James J.
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Ward, Bric R.
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Stinson, Jeffrey R.
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Montoya, Alice
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Harms, Christian
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Moyer, Mary B.
                                                                                                                                           6-MAR-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Jean-Marc
                                                                                                   US 07/768,122
                                                                                                                                                               US 07/848,506
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RESULT 2796
US-08-971-217-85
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Best Local Similarity 80.0
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 85,
Patent No. 5
                                                 CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/457,364
PILING DATE: 31-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/181,271
PILING DATE: 13-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/093,301
PRIOR APPLICATION NUMBER: US 08/093,301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Priedrich,
APPLICANT: Beck, Jame
APPLICANT: Uknes, Sco
APPLICANT: Ward, Eric
TITLE OF INVENTION: II
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARB: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/971,217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY AGENT INFORMATION:
NAME: Blmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: $-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSE: No. 5942662artis Corporation
STREET: 3054 Cornwallis Road, P.O. Box 12257
CITY: Research Triangle Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 1
FILING DATE: 20-JUN-
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 27709
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Ward, Eric
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Harms, Christian
Friedrich, Leslie
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                                     16-JUL-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.2%; Score 13.6; DB 1;
80.0%; Pred. No. 3.3e+03;
ative 0; Mismatches 4;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US 07/368,672
US 07/937,197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0
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RESULT 2797 US-09-350-600-85

Sequence 85, Application US/09350600
Patent No. 6262342
GENERAL INFORMATION:
APPLICANT: Weins, Frederick
APPLICANT: Shinshi, Hideaki
APPLICANT: Wenzler, Herman

APPLICANT:

Hofsteenge, Jan Ryals, John Sperisen, Christoph

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                                                                       Query Match
Best Local S
Matches 16
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APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-UNN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-ARR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-19825/P1,
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/042,847

FILING DATE: 6-APR-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/632,441

FILING DATE: 21-DEC-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/425,504

FILING DATE: 20-OCT 198

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/848,506

FILING DATE: 6-MAR-1992
                                                                                                                                                                                                                                                                                      TELEFAX: (919)541-868
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
                                                                                                                                                                      MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                        STRANDEDNESS: si
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                            ENGTH:
                                   4020 AAAAAAGAGAGAAAACAAAA 4039
10
                                                                       l Similarity
16; Conserv
AAAAAAAAAAAAACATAA 29
                                                                                                                                                                                                                                                30 base pairs
                                                                       0.2%;
ilarity 80.0%;
Conservative
                                                                                                                                                                                                                                                                                                                           (919) 541-8587
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1-APR-1991
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                                                                       Score 13.6; DB 1; Length 30; Pred. No. 3.3e+03; O; Mismatches 4; Indels
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                                                                           Gaps
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PILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/042,847
PILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/632,441
FILING DATE: 21-DEC-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-UUL-1993
PRIOR APPLICATION UNMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FO-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 07/580,431 FILING DATE: 7-SEP-1990 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/971,217
FILING DATE: 14-NOV-1997
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                                                                                                                                                                                                                                                                                                                                  FILING DATE: 27-SEP-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/425,504 FILING DATE: 20-OCT 1989 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 00 FILING DATE: 31-MAY-1995 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 14-NOV-
PRIOR APPLICATION DATA:
                                                                                                                                                                       APPLICATION NUMBER: US 07/368,672
PILING DATE: 20-UUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA
                                                               PRIOR APPLICATION DATA:
                                                                                                                               FILING DATE: 24-MAR-1989 PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US FILING DATE: 1-APR-1991
                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 07/768,122 FILING DATE: 27-SEP-1991
                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 07/848,506 FILING DATE: 6-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/165,667 FILING DATE: 8-MAR-1988
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                APPLICATION NUMBER: US 0
FILING DATE: 17-MAY-1989
                                                                                    APPLICATION NUMBER: US 07/381,443 FILING DATE: 18-JUL-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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13-JAN-1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US 08/457,364
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RESULT 2798
US-09-906-234-85
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US-09-350-600-85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 85, Applicati
Patent No. 6632981
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 1
PILING DATE: 29-JUL-
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: S-
TELECOMMUNICATION INFORMATION:
                                                COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/906,234
FILING DATE: 16-JU1-2001
PRIOR APPLICATION NUMBER: 09/350,600
FILING DATE: 9-JULY-1995
APPLICATION NUMBER: US 08/457,364
FILING DATE: 31-MAY-1995
APPLICATION NUMBER: US 08/181,271
FILING DATE: 13-JAN-1994
APPLICATION NUMBER: US 08/93,301
FILING DATE: 13-JUL-1993
APPLICATION NUMBER: US 08/93,301
FILING DATE: 16-JUL-1993
APPLICATION NUMBER: US 08/93,301
FILING DATE: 6-NOV-1992
FILING DATE: 6-NOV-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sperisen, Christoph
TITLE OF INVENTION: DNA SEQUENCES ENCODING POLYPEPTIDES
HAVING BETA-1,3-GLUCANASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Meins,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4020 AAAAAAGAGAGAAAACAAAA 4039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Similarity 80.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: No. 6632981artis Corporation
STREET: 3054 Cornwallis Road, P.O. Box 12257
CITY: Research Triangle Park
STATE: NC
                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
                  APPLICATION NUMBER: US
FILING DATE: 1-APR-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/09906234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (919)541-8587
(919)541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Shinshi, Hideaki
Wenzler, Herman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ryals, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Hofsteenge, Jan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     80.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Frederick
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US 08/045,957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US 07/226,303
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 13.6; DB 1.
Pred. No. 3.3e+03.
0; Mismatches '
US 07/305,566
                                    US 07/678,378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 30;
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Gaps

FILING DATE:

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; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-906-234-85
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                                                                                                                                                                                                                                                                                                                                                                     RESULT 2799
                                                                                                                                                                                                                                                                                                                                             US-08-522-623-14/c
                                                                                                                                                                                                                                                                                    Sequence 14, Application US/08522623
Patent No. 5585242
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                   APPLICANT: Khalil, Omar S.
APPLICANT: Bouma, Stanley R.
APPLICANT: Pabich, Edward K.
TITLE OF INVENTION: METHOD AND
TITLE OF INVENTION: NUCLEIC AC
NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
                       COMPUTER READABLE FORM:
                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                           COUNTRY: United States of America
   MEDIUM TYPE:
                                                                                                                  STREET:
                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-198250
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8587
                                                                                                                                                                                                                                                                                                                                                                                                                                                            4020 AAAAAAGAGAGAAAACAAAA 4039
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                                         60064-3500
                                                                                            SSEE: Abbott Laboratories
F: One Abbott Park Road
Abbott Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
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FILING DATE: 6-APK-1993
APPLICATION NUMBER: US 07/632,441
PTING DATE: 21-DEC-1990
77/425,504
                                                                            Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (919)541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 30 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 12-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 08/045,957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 07/226,303 FILING DATE: 29-JUL-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/329,018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 07/368,672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 07/580,431 FILING DATE: 7-SEP-1990
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/042,847
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 07/165,667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 6-MAR-1992
APPLICATION NUMBER: US 07/768,122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 07/848,506
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 18-JUL-1989
APPLICATION NUMBER: US 07/353,312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ILING DATE: 20-JUN-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               'ILING DATE: 17-MAY-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ILING DATE: 18-JUL-1989
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Floppy disk
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                                                                                                                                                                                         METHOD AND DEVICE FOR DETECTION OF NUCLEIC ACID OR ANALYTE USING TOTAL
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Pred. No. 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                85:
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                                                                                                                                                                                             INTERNAL REFLECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0;
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RESULT 2800
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 14, Application PC/TUS9303256
GENERAL IMPORMATION:
APPLICANT: Abbott Laboratories
TITLE OF INVENTION: METHOD AND DEVICE FOR DETECTION OF
TITLE OF INVENTION: NUCLEIC ACID OR ANALYTE USING TOTAL INTERNAL REFLECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 16; Conservat
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/863,553
FILING DATE: 06 APRIL 1992
ATTORNEY/ACENT INFORMATION:
NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5158.US.01
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (708) 937-95
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn and WordPerfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 32 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: (708) 937-4884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY:
LOCATION:
                                                                                                                                                          FILING DATE: 1
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                LUUNTRY: United States of America ZIP: 60064-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5158.US.01
                                                                                                                                                                              APPLICATION NUMBER: POFILING DATE: 19930506
                                                                                                                                                                                                                                                                                                                                                                                CITY: Abbott Park
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: US/07/863,553
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/311,839
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/522,623
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                32 AAAAAAAAAAAAAAAAAAAA 13
                                                                                                                                                                                                                                                                                                                                                                                                                       One Abbott Park Road
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32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           single
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                                                                                                                                                                                                     PCT/US93/03256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                        5158.US.01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 13.6; DB 1
Pred. No. 3.3e+03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 32;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              <u>,</u>
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RESULT 2801
US-08-580-242-3/c
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                                                                                                                                             US-08-580-242-3
                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Mills, Demetra J.
REGISTRATION NUMBER: 34,506
REFERENCE/DOCKET NUMBER: 1578
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-684-1111
TELEPAX: 703-684-1124
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.2%; Score 13.6; DB 1; Best Local Similarity 80.0%; Pred. No. 3.3e+03; Matches 16; Conservative 0; Mismatches 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 3, Application US/08580242 Patent No. 5683988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 5683988
GENERAL INFORMATION:
                                                                                                     Query Match
                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (708) 937-2623 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PATEN: PC-DOS/MS-DOS
SOPTWARE: PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/580,242
FILING DATE: 28-DEC-1995
CIASCATTOR TOTAL
                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS LENGTH: 32 base pairs
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TITLE OF INVENTION: ANTI-SENSE OLIGODEOXYNUCLEOTIDE TO
TITLE OF INVENTION: FIBROGENIC CYTOKINE TGF-beta AND USE THEREOF
                                                                                                                                                            MOLECULE TYPE:
ANTI-SENSE: YE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 99 Canal CITY: Alexandria STATE: Virginia
                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: US
ZIP: 22314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature LOCATION: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 514
                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                      Match 0.2%; Score 13.4; DB 1; Length 15; Local Similarity 93.3%; Pred. No. 1.5e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4020 AAAAAAGAGAGAAAACAAAA 4039
                                 5642 GGGGGACCCCCAGCC 5656
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99 Canal Center Plaza, Suite 300
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                                                                     Conservative
                                                                                                                                                              YES
                                                                                                                                                                               linear
3: DNA (genomic)
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RESULT 2803
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                                                                                                                                                           Query Match
Best Local :
                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: WARDURY, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/292,62)
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including PRIOR APPLICATION DATA: described PRIOR APPLICATION DATA: 08/008,895
PILING DATE: January 19, 193
APPLICATION NUMBER: 07/989,849
PRIOR DATE: January 19, 193
APPLICATION NUMBER: 07/989,849
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                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Btorage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Word Perfect 5.
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth S
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                        0.2%; Score 13.4; DB 1; Local Similarity 13.3%; Pred. No. 1.5e+03; 1es 2; Conservative 12; Mismatches
                                                                                                                                                                                                                           TYPE: nucleic actu STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (213) 489-16
TELEFAX: (213) 955-0440
TELEX: 67-3510
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                                                                                                                                                                                                                                                                                                LENGTH:
                                                                                             4461 GACTTTTTTTTTTT 4475
                                                          1 GAUUUUUUUUUUUUU 15
                                                                                                                                                                                                                                                                         nucleic acid
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Dan T. Stin
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Sean Sullivan
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                                                                                                                                                                              DB 1;
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US-08-173-489C-61

Sequence 61, Application US/08173489C Patent No. 5861244 GENERAL INFORMATION: APPLICANT: WANG, C. -G. APPLICANT: HEPBURN, A. G.

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RESULT 2804
US-07-923-871C-20
; Sequence 20, Application US/07923871C
; Patent No. 5912117
; GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserv
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FILING DATE: 22 DEC 1993
CCLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION: 708-188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (attorney) (2
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo sapiens
POSITION IN GENOME:
CHROMOSOME/SEGMENT: chromosome 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICANT: White Ph.D, Thomas J.
APPLICANT: Dodge, Deborah E.
TITLE OF INVENTION: Method for Diagnosis of Lyme Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                PUBLICATION INFORMATION:
AUTHORS: Meakin, S O, Breitman, M L, Tsui, L C.
TITLE: Structural and evolutionary
TITLE: relationships among five members of the human
JOURNAL: Molecular and Cellular Biology
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
DESCRIPTION: gamma-crystallin gene exons 1 and 2
DESCRIPTION: (Accession # K03003) nucleotides 144 to 158
HYPOTHETICAL: No
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HYPOTHETICAL: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                PAGES: 1408-1414
DATE: 1985
RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MAP POSITION: 2q33-q35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: double stranded
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE:
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                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (attorney) (212) 708-1880 attorney) (212) 246-8959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PROFILE DIAGNOSTIC SCIENCES, INC.
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 7, Application US/08874266
Patent No. 5955279
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Gatti, Richard A.
TITLE OF INVENTION: ATAXIA-TELANGIECTASIA: MUTATIONS IN THE ATM GENE
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: JEM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, V
CURRENT APPLICATION DATS:
APPLICATION NUMBER: US/07/923,871C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY AGENT INFORMATION:

NAME: Petry, Douglas A.

REGISTRATION NUMBER: 35,321

REFERENCE/DOCKET NUMBER: 8697

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/874,266
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                 ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM COmpat
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HYPOTHETICAL: NO
ANTI-SENSE: NO
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
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hes 14; Conserv
                                                                                                                                                                                                                                         STATE:
                                                                                                                                                                                                                                                                         ADDRESSEE: Knobbe, Martens, Olson and Bear
STREET: 620 Newport Center Drive 16th Flo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Nutley
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Hoffmann-La Roche Inc. STREET: 340 Kingsland Street
                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6286 GTGCTACACTGGCCT 6300
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                                                                                                                                   IBM Compatible
                                                                                                                                                              Diskette
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.2%; Score 13.4; DB 1; Length 15; 93.3%; Pred. No. 1.5e+03; tive 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 2806
                                                                                                  NAME: Rosenberg, Morton
REGISTRATION NUMBER: 26,049
REFERENCE/DOCKET NUMBER: MR2493-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (410) 465-6678
TELEPHAX: (410) 461-3067
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Loca
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 6043044
GENERAL INFORMATION:
APPLICANT: Hudson, Parry Applicant: Hudson, Parry Applicant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Ways Vensko, Nancy
REGISTRATION NUMBER: 36,298
REFERENCE/DOCKET NUMBER: UCL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-235-8550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                     COMPUTER: IBM

OPERATING SYSTEM: Windows 95

OPERATING SYSTEM: Windows 7.0

SOFTWARE: WordPerfect for Windows 7.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/893,204C

PILING DATE: 7/15/97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inches,
MEDIUM TYPE: 1.44Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: DIAGNOSTIC AND PROGNOSTIC MARKER TITLE OF INVENTION: FOR METASTATIC ADEMOCARCINOMA NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
MOLECULE TYPE: DN
                                                                                                                                                                                                                                              ATTORNEY/AGENT
                         TYPE: ....
STRANDEDNESS: bi...
STRANDEDNESS: bi...
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TOPOLOGY: li
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                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                     ENGTH: 15 base pairs
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                                                                   nucleic acid
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Meyer-Siegler, Katherine
Hakki, A-Hamid
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Pred. No. 1.5e+03;
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; OTHER INFORMATION: Description of Artificial Sequence: primer US-08-832-021-26
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US-08-832-021-38
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APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
FULR REFERENCE: USP-382
FULR REPELICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 26
SEQ ID NO 26
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Best Local Similarity
Matches 14; Conserv
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Sequence 26, Apr-
Sequence 26, Apr-
No. 6045998
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Best Local Similarity
                                                                                                                                                                                              GENERAL
                                                                                                                                                                                                           Sequence 38, Application US/08832021 Patent No. 6045998
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APPLICANT: Combates, N.
APPLICANT: Paridnas, J.
APPLICANT: Paridnas, J.
APPLICANT: Paridno, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 15
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PUBLICATION INFORMATION:
AUTHORS: Katherine Meyer-Siegler
AUTHORS: Perry Hudson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE: Enhanced Expression of Macrophage Migration
TITLE: Inhibitory Factor in Prostatic Adenocarcinoma Metastases
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                                                                                                                                                                                                                                                                                                                                     4472 TTTTTTTTTTTTGTC 4486
                                                                                                                                                                                            INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                    93.3%;
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Pred. No. 1
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Pred. No. 1
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-38
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; OTHER INFORMATION: Description US-08-832-021-48
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US-08-832-021-44
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                                                                                              CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 48
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APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 44
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GENERAL INFORMATION:
APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
                                                                                                                                                                                                                                                                                                            Sequence 48, Applicat Patent No. 6045998 GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
Matches 14; Conserv
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OTHER INFORMATION: Description of Artificial Sequence: primer
-08-832-021-44
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APPLICANT: Paridnas, J.
APPLICANT: Paridno, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OP INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-362
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                                         LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                   FEATURE:
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Pred. No. 1.5e+03
                 of Artificial Sequence:
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Parimoo, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF ERG ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 50
LENGTH: 15
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US-08-832-021-52
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US-08-832-021-50
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                                                               Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 52
LENGTH: 15
TYPE: DNA
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Best Local Similarity 93.3%;
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Patent No. 6045998
GENERAL INFORMATION:
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Matches 14; Conserv
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GENERAL INFORMATION:
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APPLICANT: Paridoo, S.
APPLICANT: Paridoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                              FEATURE: OTHER INFORMATION: Description of Artificial Sequence: primer
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                                                                  Conservative
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                                                                                  93.3%;
                                                                  0.2%; Score 13.4; DB 1;
93.3%; Pred. No. 1.5e+03;
ive 0; Mismatches 1;
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Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 55
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US-08-832-021-55
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RESULT 2815
US-08-832-021-56
; Sequence 56, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Description of Artificial Sequence: primer US-08-832-021-55
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APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 54
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 54, Applicat Patent No. 6045998 GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
Matches 14; Conservat
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ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                     TYPE: DNA .
ORGANISM: Artificial Sequence
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Pred. No. 1.5e+03;
0; Mismatches 1;
                                                                                                                                                                                                            Score 13.4; DB 1; Length 15; Pred. No. 1.5e+03;
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APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Pardinas, J.
APPLICANT: Prouty, S.
APPLICANT: Stean, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT PILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 58
LENGTH: 15
TYPE: DNA
ORGANIGM: Artificial Sequence
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US-08-832-021-58
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; OTHER INFORMATION: Description of Artificial Sequence: primer US-08-832-021-56
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Best Local Similarity
Matches 14; Conserv
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SEQ ID NO 56
LENGTH: 15
                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                           Sequence 59, Application US/08832021 Patent No. 6045998
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Patent No. 6045998
                                                                                                                                                                                                                                                                                                                                                                  Matches
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Best Local
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APPLICANT: Paridnas, J.
APPLICANT: Paridno, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
APPLICANT: OF INVENTION IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
                APPLICANT: Combates, N.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
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93.3%; Pred. No. 1.5e+03;
tive 0; Mismatches 1
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Pred. No. 1.5e+03;
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APPLICANT: Combates, N.
APPLICANT: Parimoo, S.
APPLICANT: Stenn, K.
IIILB OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 60
LENGTH: 15
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US-08-913-833-25/c
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Best Local S
Matches 14
                                                                                          ARPHICANT: STUTYVER, LIEVEN
APPLICANT: STUTYVER, JOOST
APPLICANT: LOUWAGIE, JOOST
APPLICANT: LOUWAGIE, JOOST
APPLICANT: ROSSAU, RUDI
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
TITLE OF REQUENCES: 164
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CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 59
                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                               Sequence 25, Application US/08913833 Patent No. 6087093
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Patent No. 6045998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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STALL: USA COUNTRY: USA 77210-4433
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hes 14; Conservative
                                                 CITY: HOUSTON STATE: TEXAS
                                                                                     STREET:
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                                                                                      P.O. BOX 4433
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Pred. No. 1.5e+03,
0; Mismatches
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Pred. No. 1.5e+03;
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COMPUTER READABLE FORM:

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RESULT 2820
US-09-071-845-359
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Best Local Similarity
Matches 14; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 359,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC Compatible
OPERATING SYSTEM; PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 6.0 / ASCII
CURRENT APPLICATION DATA;
APPLICATION NUMBER: US/08/913,833
PILLING DATE: 15 Sep 1997
PRIOR APPLICATION DATA;
APPLICATION UNMER: PCT/EP97/00211
APPLICATION NUMBER: PCT/EP97/00211
PRIOR APPLICATION DATA;
APPLICATION DATA;
APPLICATION DATA;
PRIOR APPLICATION DATA;
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IEM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: KAMMEREK, FAIRLES, 775
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: IN
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Susan
                                                                                                                                                                                                                                                                                                                                         APPLICANT: Dan T. Sti
APPLICANT: James McSw
APPLICANT: Sean Sulli
APPLICANT: Kenneth G.
TITLE OF INVENTION: R
TITLE OF INVENTION: D
TITLE OF INVENTION: R
TITLE OF INVENTION: N
TITLE OF INVENTION: N
TITLE OF INVENTION: N
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ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA A.
                                                                                                                                                                             COUNTRY: U.S.
                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                   ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth
STREET: Suite 4700
CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 15 base pairs TYPE: nucleic acid STRANDEDNESS: single
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COMPUTER: II
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                                                                                                                                                                                                                                                                                      Street
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Pred. No. 1.5e+03;
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US-09-180-437-104
RESULT 2822
US-09-054-832-28
; Sequence 28, Application US/09054832
; Patent No. 6312894
                                                                                                       片
                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 1110-209P
CURRENT APPLICATION NUMBER: US/09/180,437
CURRENT FILING DATE: 1998-11-06
EARLIER APPLICATION NUMBER: PCT/JP98/00953
EARLIER FILING DATE: 1998-03-09
EARLIER APPLICATION NUMBER: 09-053518 JAPAN
EARLIER FILING DATE: 1997-03-07
NUMBER OF SEQ 1D NOS: 289
SOFTWARE: Patentin Ver. 2.0
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                                                                                                                                                                                                                                                    US-09-180-437-104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: FUKUSAKO, Shioji
APPLICANT: MORISANA, Yoshifumi
APPLICANT: KUSUYANA, Takeshi
TITLE OF INVENTION: Antisense Compounds to CD14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 104, Application US/09180437 Patent No. 6251873
                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 104
LENGTH: 15
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Best Local (
                                                                                                                                                                             Matches
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PRIOR APPLICATION NUMBER: US/08/292,620

APPLICATION NUMBER: 17, 1994

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: WARDURY, RICHARD J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence:other nucleic OTHER INFORMATION: scid
                                                                                                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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LENGTH: 15 base pairs
TYPE: nucleic acid
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TELEFAX: 67-3510
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nes 2; Conservative 1:
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nes 14; Conservative
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93.3%; Pred. No. 1.5e
tive 0; Mismatches
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Pred. No. 1.5e+03;
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1.5e+03;
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APPLICANT: Stuyver, Lieven
APPLICANT: Louwagie, Joost
APPLICANT: Louwagie, Joost
APPLICANT: ROSBAU, Rddi
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
TITLE OF INVENTION UNMEER: US/09/580,794C
CURRENT APPLICATION NUMBER: 000-05-30
PRIOR APPLICATION NUMBER: 009-013,833 now US/6,087,093
PRIOR FILING DATE: 1997-09-15
PRIOR APPLICATION NUMBER: PCT/EP 97/00211
PRIOR APPLICATION NUMBER: PCT/EP 97/00211
PRIOR APPLICATION NUMBER: BP 9687005.4
PRIOR APPLICATION NUMBER: BP 96870081.5
PRIOR FILING DATE: 1996-01-26
PRIOR FILING DATE: 1996-06-25
NUMBER OF SEQ ID NOS: 164
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APPLICANT: , Meyer, Rich
TITLE OF INVENTION: MISMATCH DISCR.
TITLE OF INVENTION: CONJUGATED TO I
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSES: MORRISON & FOERSTER
ADDRESSES: MORRISON & FOERSTER
                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 25, Application US/09580794C Patent No. 6331389
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/415,370
FILING DATE: 03-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: Windows Version 2.0b SOPTWARE: FastSEQ for Windows Version 2.0b CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskette
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REGISTRATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Match 0.2%; Score 13.4; DB 1; Local Similarity 93.3%; Pred. No. 1.5e+03;
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Sequence 207, Application US/09081646

Patent No. 6333152

GENERAL INFORMATION:

APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert

APPLICANT: Zhang, Lin

APPLICANT: Zhou, Wei

TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and

TITLE OF INVENTION: Cancer Cells

FILE REFERENCE: 01107.74664

CURRENT APPLICATION NUMBER: US/09/081,646

CURRENT FILING DATE: 1998-05-20

EARLIER APPLICATION NUMBER: 60/047,352

EARLIER APPLICATION SUMBER: 05/047,352

EARLIER APPLICATION NUMBER: 05/047,352

EARLIER APPLICATION SUMBER: 05/047,352
GENERAL INFORMATION:

APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 633
TITLE OF INVENTION: Cancer Cells
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 788
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-788
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; ORGANISM: Homo sapiens
US-09-081-646-207
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LENGTH: 15
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Best Local Similarity 93.3%;
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Local Similarity 93.3%;
les 14; Conservative
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Pred. No. 1.5e+03;
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Pred. No. 1.
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                                                                                                                                                     US-09-031-952-7/c
                                                                                                                                                                      RESULT 2827
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          Sequence 7, Application US/09031952A
Patent No. 6395476
GENERAL INFORMATION:
APPLICANT: Thomas, Howard C.
APPLICANT: Summerfield, John A.
APPLICANT: Janice, Main
TITLE OF INVENTION: METHODS OF PREDICTING THE OUTCOME OF INFECTION
FILE REFERENCE: Thomas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 14; Conserv
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Best Local 9
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                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT Release #1.0, Vers
SOFTWARE: PATENT Release #1.0, Vers
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/618,834C
FILING DATE: 19-MAR-1996
CLASSIFICATION DATA:
APPLICATION NUMBER:
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 650-903-3501
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
FILE REFERENCE: Thomas
CURRENT APPLICATION NUMBER: US/09/031,952A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Ritter, Michael J.
REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: AFFY
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Ritter, Van Pelt & Yi LLP STREET: 4906 El Camino Real, Suite 205
                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6861 TTCTCCCTGGGCAGG 6875
                                                                                                                                                                                                                                                      7150 TEGTATETEATETTE 7164
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                                                                                                                                                                                                                                                                                                           Score 13.4; DB 1; Pred. No. 1.5e+03;
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                                                                                                                                                                                                                                                                                             Mismatches
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APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Wren, John D.
APPLICANT: Wren, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Ger
FILE REFERENCE: UTSD0667
CURRENT APPLICATION UMMBER: US/09/475,947A
CURRENT FILING DATB: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 164
LENGTH: 15
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EARLIER APPLICATION NUMBER: 9515393.8
EARLIER FILING DATE: 1995-07-27
EARLIER FILING DATE: 1995-07-27
EARLIER FILING DATE: 1995-10-13
EARLIER FILING DATE: 1995-10-13
EARLIER FILING DATE: 1995-10-14
EARLIER FILING DATE: 1996-07-09
EARLIER APPLICATION NUMBER: PCT/GB96/01819
EARLIER APPLICATION NUMBER: PCT/GB96/01819
EARLIER FILING DATE: 1996-07-25
NUMBER OF SEQ ID NOS: 8
SOPTWARE: PAtentin Ver. 2.0
SEQ ID NO 7
LENGTH: 15
                                                                                                                          S-09-640----
Sequence 28, Applicate.
Sequence 28, Application:
Sequence 28, Appl
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US-09-475-947A-164
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; ORGANISM: human
US-09-475-947A-164
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Best Local 9
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GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
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                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
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                            CITY: PALO ALTO
STATE: CA
COUNTRY: USA
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Pred. No. 1.5e+03;
0; Mismatches 1;
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GENERAL INFORMATION:

APPLICANT: Philibert, Robert A.

APPLICANT: Ginns, Edward I.

APPLICANT: Ginns, Edward I.

APPLICANT: Ginns, Edward I.

APPLICANT: Ginns, Edward I.

TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE TILE REFERENCE: 9465.6USI1

CURRENT APPLICATION NUMBER: US/09/491,356C

CURRENT APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: PCT/US99/09365

PRIOR APPLICATION NUMBER: 605/083,465

PRIOR APPLICATION NUMBER: 605/083,465

PRIOR FILING DATE: 1998-04-29

PRIOR FILING DATE: 1998-04-29

PRIOR FILING DATE: 1998-04-29

PRIOR FILING DATE: 1998-04-29
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US-09-491-356C-19
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                                                                                                                                                                             ; ORGANISM: Homo sapiens
US-09-491-356C-19
                                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.1
SQ ID NO 19
LENGTH: 15
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 706141
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: Feat-SEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/640,953
FILING DATE: 16-Aug-2000
PRIOR APPLICATION NUMBER: US/09/054,832
APPLICATION NUMBER: US/09/054,832
FILING DATE: 03-APR-1998
APPLICATION NUMBER: 08/415,370
FILING DATE: 03-APR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34469-20004.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                            7413 CAGCAGCAGCAGCAG 7427
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        121 GGGATCCCGAGCAGC 135
                                                                                 ch 0.2%; Score 13.4; DB 1; 1 Similarity 93.3%; Pred. No. 1.5e+03; 14; Conservative 0; Mismatches 1;
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
    CAGCAGCAGCAACAG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 650-494-0792
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HYPOTHETICAL: NO ANTI-SENSE: NO PCT-US91-01574-20
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Best Local Similarity
Watches 14; Conserva
                                                                                                                                                                                                                                                                                                    US-08-753-147-188
                                                                                                                                                                                                                                                                                                                            RESULT 2832
                                                                                                                                                                                                                                            Sequence 188, Application US/08753147
Patent No. 5770372
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION COR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 489,676
PILING DATE: 07-MAR-1990
ATTORNEY/AGENT INFORWATION:
NAME: Kaster Keyin R.
REGISTRATION NUMBER: 32,704
REFERENCE/DOCKET NUMBER: 2536.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 420-3444
TELEPHONE: (415) 420-3444
TELEPHONE: (415) 658-5239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: White Ph.D, Thomas J.
APPLICANT: Dodge, Deborah E.
TITLE OP INVENTION: Method for Diagnosis of Lyme Disease
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
                                                                                                                                                                 APPLICANT: Concannon, Patrick
TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
NUMBER OF SEQUENCES: 196
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 1400 Fift
CITY: Emeryville
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: POFILING DATE: 19910307
                                                            COUNTRY: USA
ZIP: 98101-2347
                                                                                                                    CITY: Seattle
                                                                                                                                   STREET:
                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                 6286 GTGCTACACTGGCCT 6300
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                                                                                             Washingtion
                                                                                                                                E: Christensen O'Connor Johnson and Kindness
1420 5th Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E: Cetus Corporation
1400 Fifty-Third Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.2%; Score 13.4; DB 1; Length 15; 93.3%; Pred. No. 1.5e+03;
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; TOPOLOGY: linear
; MOLECULE TYPE: DNA (
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sap
US-08-753-147-188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 2833
US-08-173-489C-126/c
; Sequence 126, Application US/08173489C
; Patent No. 5861244
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INFORMATION FOR SEQ ID NO: 1/
SEQUENCE CHARACTERISTICS:
FENGTH: 16 base pairs
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Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
TELEFAX: (attorney) (2 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                     COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Sheiness, Diana K.
REGISTRATION NUMBER: 35,356
REFERENCE/DOCKET NUMBER: VMRC-1-9714
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 743-4387
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: GE
TITLE OF INVENTION: TR
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: (attorney) (212)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: WANG, C. -G. APPLICANT: HEPBURN, A. G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (206)
                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC., STREET: 510 EAST 73RD STREET, CITY: NEW YORK
                                                                                         NAME: Handelman, Joseph H. REGISTRATION NUMBER: 26,17 REFERENCE/DOCKET NUMBER: U
                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 10021.
                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/753,147
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                                                                                                                                                                                                                                                                                                                                                                                                                                   NEW YORK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              365
                                                                                                                                                                                      US 07/968,436
                                  (212) 246-8959
                                                                                                            26,179
                                                      (212) 708-1880
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                                                                                             U9518-6
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4; DB 1;
1.7e+03;
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RESULT 2834
US-08-770-235A-62
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                                                                                                                                                    TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
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Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 53.3%; Pred. No. 1.7e+03; Matches 8; Conservative 6; Mismatches 1;
                                                                                                                                                                                                                                                                            CLASSIFICATION: 536

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/027,875

FILING DATE: 25-OCT-1996

ATTORNEY/AGENT INFORMATION:
NAME: QUINE, JODACHAN A.
REGISTRATION NUMBER: P-41,261
REFERENCE/DOCKET NUMBER: 016556-001610US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Leavitt,
APPLICANT: Tritz, Ri
APPLICANT: Feng, Yu
                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/770,235A
FILING DATE: 19-DEC-1996
FILING DATE: 19-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ANTI-SENSE: no PUBLICATION INFORMATION:
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DESCRIPTION: third strand derived from alpha-2-
DESCRIPTION: globin sequence region in Seq ID No. 5861244125
HYPOTHETICAL: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Yu, Mang
TITLE OF INVENTION: Methods and Compositions for Inhibiting
TITLE OF INVENTION: HIV Infection of Cells By Cleaving HIV Co-Receptor RNA
NUMBER OF SEQUENCES: 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                    TOPOLOGY: linear MOLECULE TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single stranded
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: San Francisco
                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                               TELEPHONE:
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Similarity 93.3%;
14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Leavitt, Markley C.
                                                                                                                                                                                                                                                                 (415) 576-0200
                                                                                                                                            single
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Pred. No. 1
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                                         Length 16;
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        Indels
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US-08-454-098-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNAY AGENT INFORMATION:

NAME: KRUPEN, KAREN I

REGISTRATION NUMBER: 34,647

REFERENCE/DOCKET NUMBER: CELL 18

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 389-9600 x131

TELEFAX: (415) 349-7392

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence
                                                                                                                                                                                                                       Sequence 1, Application US/08645411C Patent No. 6444798 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LBM PC compatible
COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: WINSLOW, GENINE A
APPLICANT: SIEKEVITZ, MIRIAM
TITLE OF INVENTION: MULTISPECIFIC CHIMERIC RECEPTORS
NUMBER OF SEQUENCES: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/454,098
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEB:
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APPLICANT: Steven A. Benner
TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEB: Steven A. Benner
STREET: 1501 NW 68th Terrace
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  7181 GGTGGGCATGTGTGA 7195
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LAB: CELL GENESYS, INC.
LEET: 322 LAKESIDE DRIVE
Y: FOSTER CITY
B: CALIFORNIA
RY: US
944
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SMITH, DOUGLAS H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TIAN, HUAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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CITY: Gainesville STATE: FL COUNTRY: United St

United States

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US-08-645-411C-2
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OPERATING SYSTEM: MacIntosh 7.0
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/645,411C
FILING DATE: 13-May-1996
CLASSIFICATION: 536/24.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352 392 7773
TELEPAX: 352 331 0462
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/08645411C Patent No. 6444798 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches 14;
                                                                                                                                                                           FILING DATE: 13-May-1996
CLASSIFICATION: 536/24.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352 392 7773
TELEPAX: 352 331 0462
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                     COMPUTER: Apple MacIntosh 7.0 OPERATING SYSTEM: MacIntosh 7.0 SOFTWARE: Microsoft Word CURRENT APPLICATION DATA:
                ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Steven A. Benner
STREET: 1501 NW 68th Terrace
CITY: Gainesville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6063 TTTTTCTAAATCTGG 6077
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SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Steven A. Benner
TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: other nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                    STRANDEDNESS: single
TOPOLOGY: linear
TOPE: other nucleic acid
                                                                                                                  TYPE: nucleic acid
                                                                                                                                     LENGTH: 16
                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/645,411C
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Pred. No. 1.
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                                                                                                                                                         Sequence 7, Application US/08645411C
Patent No. 6444798
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Steven A. Benner
TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6, Application US/08645411C Patent No. 6444798
GENERAL INFORMATION:
APPLICANT: Steven A. Benner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Query Match
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 352 331 0462
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: Apple MacIntosh
OPERATING SYSTEM: MacIntosh 7.0
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/645,411C
FILING DATE: 13-May-1996
CLASSIFICATION: 13-6/24.1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORIGINAL SOURCE: SEQUENCE DESCRIPTION: SEQ ID NO: 6:
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                        6063 TTTTTCTAAATCTGG 6077
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: size TOPOLOGY: linear MOLECULE TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           16 TTTTTCTAGATCTGG 2
                                                                                                                                                                                                                                                                                                                                                                   TTTTTCTAGATCTGG 15
                                                          STATE: FL
                                                                                                ADDRESSEE: Steven A. Benner
STREET: 1501 NW 68th Terrace
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
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                                     COUNTRY: United States
                                                                             CITY: Gainesville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 352 392 7773
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Pred. No. 1.7e+03;
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COMPUTER: Apple MacIntosh
OPERATING SYSTEM: MacIntosh 7.0
SOFTWARE: Microsoft Word MEDIUM TYPE: 3.5 inch diskette COMPUTER: Apple MacIntosh

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RESULT 2840
US-08-645-411C-8
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                                                                                 US-08-645-411C-8
                                                                                                                                                                                                                                                    MEDIUM TYPE: 3.5 inch diskette
COMPUTER: Apple MacIntosh
OPERATING SYSTEM: MacIntosh 7.0
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/645,411C
FILING DATE: 13-May-1996
CLASSIFICATION: 536/24.1
TELECOMMUNICATION: 536/24.1
TELEPHONE: 352 392 7773
TELEPAX: 352 331 0462
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 8, Applicatio Patent No. 6444798 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 1.7e+03; Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 352 331 0462 INFORMATION FOR SEQ ID NO: 7:
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Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/645,411C
FILING DATE: 13-May-1996
CLASSIFICATION: 536/24.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352 392 7773
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear MOLECULE TYPE: DNA ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6063 TTTTTCTAAATCTGG 6077
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
                                                                                                     SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Steven A. Benner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Steven A. Benner
STREET: 1501 NW 68th Terrace
CITY: Galnesville
STATE: FL
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/08645411C
                                                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: United States
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                                                                                                                                                                                                                       ENGTH: 16
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Pred. No. 1.7e+03;
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RESULT 2841
US-08-645-411C-9/c
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                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5982, App. Patent No. 6566127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
APPLICANT: PAVCO, PAM
APPLICANT: MCSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
APPLICANT: Escobedo, Jaime
APPLICANT: Becobedo, Jaime
APPLICANT: Becobedo, Jaime
APPLICANT: Becobedo, Jaime
APPLICANT: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US 60/9/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/984,040
RIOR APPLICATION NUMBER: US 80/584,040
RIOR APPLICATION NUMBER: US 80/584,040
RIOR FILING DATE: 1996-01-08
RUMBER OF SEQ ID NOS: 14225
                                                                                                                                                                                                                                                                                                                                              APPLICANT: Ribozyme Pharmaceuticals, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 352 331 0462
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: Apple MacIntosh
OPERATING SYSTEM: MacIntosh 7.0
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/645,411C
FILING DATE: 13-May-1996
CLASSIFICATION: 536/24.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: line MOLECULE TYPE: DNA ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 32605
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6063 TTTTTCTAAATCTGG 6077
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Steven A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             16 TTTTTCTAGATCTGG 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Steven A. STREET: 1501 NW 68th CITY: Gainesville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TTTTTCTAAATCTGG 6077
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/09371772B
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Pred. No. 1.7e+03;
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Best Local Similarity

93.3%; Pred. No. 1.7e+03;

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; ORGANISM: Homo sapiens US-09-479-005A-487
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; ORGANISM: Homo sapiens
US-09-371-772B-5982
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-479-005A-487/c
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                                                                                                       SOFTWARE: PatentIn version 3.0 SEQ ID NO 487 LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 487, Application US/09479005A Patent No. 6656731
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 95
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Best Local Similarity 66.7%;
Matches 10; Conservative
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Query Match
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TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBHH800-884-C
CURRENT APPLICATION NUMBER: US/09/479,005A
CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/444,209
PRIOR FILING DATE: 1999-11-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/479,005A CURRENT FILING DATE: 2000-01-07 PRIOR APPLICATION NUMBER: US 09/444,209 PRIOR PILING DATE: 1999-11-19 PRIOR APPLICATION NUMBER: US 09/159,274 PRIOR FILING DATE: 1998-09-22 PRIOR FILING DATE: 1998-09-22
                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 09/159,274
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBHB00-884-C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
                                                                                   TYPE: RNA
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0.2%; Score 13.4;
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Pred. No. 1.7e+03;
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1; Length 16;
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PCT-US96-01600-8
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US-08-045-264A-3
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              GENERAL INFORMATION:
APPLICANT: CONDRA, I
APPLICANT: GOTLIB, I
APPLICANT: GOTLIB, I
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                             Query Match 0.3
Best Local Similarity 93.3
Matches 14; Conservative
                                                                                                                                   Sequence 3, Application US/08045264A Patent No. 5436131
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATENTIN Release #1.0, Ve

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/01600

FILING DATE: 06-FEB-1996

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: COTUZZÍ, LAUYA A.

REGIGTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7639-051-2

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Capon, Daniel J. APPLICANT: Smith, Douglas H. APPLICANT: Tian, Huan
                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Siekevitz, Miriam
TITLE OF INVENTION: Multispecific Chimeric Receptors
NUMBER OF SEQUENCES: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
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NUMBER OF SEQUENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: 1212)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                            7181 GGTGGGCATGTGTGA 7195
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1155 Avenue of the Americas
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                                                                                                                                                                                                                                                                                                                                                                                                 DNA (genomic)
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                                                                  LEAH
                                                                                                                                                                                                                                                                                                                             0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 1.7e+03;
                                                                                    DONALD J.
                                                                                                    JON H.
              COLOR SCREENING ASSAY FOR IDENTIFYING DRUG-RESISTANT HIV PROTEASE MUTANTS AND INHIBITORS THEREOF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PCT/US96/01600
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                                                                                                                                                                                                                                                                                                                           1.7e+03;
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US-08-281-940-24/c
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Matches 14; Conserv
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MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh IIci
OPERATING SYSTEM: System 7
SOFTWARE: Microsoft Word 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/045,;
FILING DATE: 02-APR-1993
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (908) 594-47 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: SHUBER
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LUDWIG, S. PETER
REGISTRATION NUMBER: 25351
REFERENCE/DOCKET NUMBER: 0372
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212/527-7700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: MEREDITH, ROY, D.
REGISTRATION NUMBER: 30,777
                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE FORDY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/281,940
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 18936
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-4678
TELEFAX: (908) 594-4720
                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: SHUBER, ANTHONY P.
TITLE OF INVENTION: METHOD FOR MULTIPLE ALLELE-SPECIFIC
TITLE OF INVENTION: DISEASE ANALYSIS
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
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LENGTH: 17 base pairs
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STATE: New Jersey
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                                                                                                                                                                                                                                                                                                                          STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                            STREET: 805 TH
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                                                                                                                                                                                                                                                                                    ZIP: 10022
                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5723 CTTTGCCTGGCTTCC 5737
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 CTTTGCCTGGTTTCC 16
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PO Box 2000, 126 E. Lincoln Ave.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
                                                                                                                                                                                                                                                                                                        USA
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02-APR-1993
                                                                                                                                                                                                                                                                                                                                                              THIRD AVENUE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.2%; Score 13.4; DB 1; Length 17; 93.3%; Pred. No. 1.9e+03; rative 0; Mismatches 1; Indels
                                         0372/09696
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Best Local Similarity 93.3
Matches 14; Conservative
                                                                                                                                                                  SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION NUMBER: US/08/373,124
APPLICATION NUMBER: US/08/373,124
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
PILING DATE: August 26, 1992
APPLICATION NUMBER: 07/936,422
PILING DATE: August 26, 1992
APPLICATION NUMBER: 07/936,422
PILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 376:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compartible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IMMEDIATE SOURCE:
CLONE: 2184dAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                           NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los 3-7-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX:
                                           TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
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: Los Angeles
E: California
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                                                                             (213) 489-1600
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Pred. No. 1.9e+03;
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US-08-373-124A-530
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Query Match 0.2%;
Best Local Similarity 80.0%;
Matches 12; Conservative
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Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION: WARME: Warburg, Richard
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
                                                                                                                                                                     TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 900/1
COMPUTER REALABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: STOYAGE
COMPUTER: IBM Compatible
TRM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENCSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/373,124A FILING DATE: January 13, 1995 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 17 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                TYPE: nucleic acid
                                                                                                  TOPOLOGY:
                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                 TELEFAX:
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: California
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Similarity 93.3%;
14; Conservative
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McSwiggen, James
Jarvis, Thale
                                                                                                                                                                                                                                 (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              U.S.A.
                                                                                                linear
Score 13.4; DB 1;
Pred. No. 1.9e+03;
2; Mismatches 1;
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Pred. No. 1.
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                                       Length 17;
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 Indels
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 Gaps
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RESULT 2851
US-08-373-124A-1421/c
; Sequence 1421, Application US/08373124A
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US-08-373-124A-974/c
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                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 5646042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/373,124
PILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/129,943
FILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1994
APPLICATION NUMBER: 07/936,422
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
PILING DATE: Nagust 26, 1992
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 09/036
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardurg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 09/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 974,
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Stinchcomb, Dan
APPLICANT: Draper, Kenneth
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                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 90071
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                                                                                                                                        5481 TAAAAAGATAATTTT 5495
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1 AGAAAGCUCUCCAAG 15
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                                                                                                                                                                                                                     Score 13.4; DB 1;
Pred. No. 1.9e+03;
                                                                                                                                                                                                Mismatches
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                                                                                                                                                                                                                                                      Sequence 1969, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
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Best Local (
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APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/986,422
PILING DATE: August 26, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
APPLICATION TOTAL AUGUST 1993
APPLICATION TOTAL AUGUST 1994
APPLICATIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 1421: SEQUENCE CHARACTERISTICS:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: MCTHOOS ANT
TITLE OF INVENTION: CANCER USIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
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APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPAX: (21.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5832 TCTCTGCATGGCTGC 5846
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Similarity 93.3%;
14; Conservative 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
   METHODS AND COMPOSITIONS FOR TREATMENT OF RESTENOSIS AND CANCER USING RIBOZYMES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 13.4; DB 1; Length 17; Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
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RESULT 2853
US-08-373-124A-2051/c
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                          Patent No. 5646042
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: Draper, Kenneth
APPLICANT: Jarvis, Thale
APPLICANT: Jarvis, Thale
APPLICANT: Jarvis, Thale
APPLICANT: Jarvis, Thale
APPLICANT: JEAVIS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2051, Application US/08373124A Patent No. 5646042
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Best Local (
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FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
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ADDRESSE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (213) 489-160
TELEPAX: (213) 955-0440
TELEX: 67-3510
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 90071
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STATE: California
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                                                      CITY: Los Angeles
STATE: California
                                                                                                             STREET: 633 West Fifth Street
STREET: Suite 4700
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                        COUNTRY:
                                                                                                                                                                         ADDRESSEE:
ZIP: 90071
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1 GUAAUACUUAAUGCA 15
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L.9e+03;
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RESULT 2854
US-08-373-124A-2055/c
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
18-373-112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2055, Application US/08373124A Patent No. 5646042
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APPLICANT: Stinch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Warburg, Richard
REGISTRATION NUMBER: 20,327
REFERENCE/DOCKET NUMBER: 209/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
FILING DATE: December 7, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
                OPERATION SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/373,124A
                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Comparible
                                                                                                                                                                                                                                                                                                                                            APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 07/936,422 FILING DATE: August 26, 1992 ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                              STATE: Cali
COUNTRY: U.
ZIP: 90071
                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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Local Similarity 93.3%;
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McSwiggen, James
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.January 13, 1995
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                                   ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/245,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 08/197,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
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APPLICANT: Stinchcomb, Dan T.

APPLICANT: Stinchcomb, Dan T.

APPLICANT: McSwigger, Kenneth

APPLICANT: McSwigger, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26,1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEPAX: (213) 955-0440
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Los Angeles
STATE: California
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TOPOLOGY: lir
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FILING DATE: December APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.2%; Score 13.4; DB 1; Length 17; ilarity 93.3%; Pred. No. 1.9e+03; Conservative 0; Mismatches 1; Indels
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                  December 7,
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  07/936,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.2%;
Best Local Similarity 20.0%;
Matches 3; Conservative 1
                                                                                                                                                                                                                                      APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: SCOTELLA, John R.
REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 32,944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                                                                                          REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-000830US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 30:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junli
APPLICANT: Funk, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Assays for the RNA Component of Human
TITLE OF INVENTION: Telomerase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: FLOPE
COMPUTER: FROM PC COMPATIBLE
COMPUTER: FROM PC COMPATIBLE
COMPUTER FROM PC COMPATIBLE
COMPUTER READABLE FORM:
FORM:

OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, VGURERY APPLICATION DATA:
APPLICATION UNMERR: US/08/482,115B
FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
OLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (213) 955-0440
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 17 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX:
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                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4461 GACTTTTTTTTTTT 4475
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                                                               nucleic acid
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                                                                                                                                 US-08-327-525A-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 5795716
NUMBER OF SEQUENCES: 39
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 5795716
GENERAL INFORMATION:
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                                                                                             Query Match
                                                                 Matches
                                                                                                                                                                                                                                                 TELEFAX: 415-326-2422 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: NO. 5795716viel, Vern
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                               STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Computer-Aided Visualization and TITLE OF INVENTION: Analysis System for Sequence Evaluation
                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/327,525A FILING DATE: October 21, 1994 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: San Francisco
STATE: California
                                                                                 Local
                                                                                                                                                                                                                                                                                    TELEPHONE: 415-326-2400
                                                                                                                                                                                                                  ENGTH:
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                        5590 ATGTGGATTTGGTTT 5604
15 ATGTGGATTGGGTTT 1
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5795716
                                                              n 0.2%; Score 13.4; DB 1.
Similarity 93.3%; Pred. No. 1.9e+03.
14; Conservative 0; Mismatches
                                                                                                                                                                                            1: 17 base pairs nucleic acid
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Wang, Chunwei
Jevons, Luis C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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Lipshutz, Robert J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.2%; Score 13.4; DB 1;
93.3%; Pred. No. 1.9e+03;
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                                                                                                  DB 1;
                                                                                                  Length 17;
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                                                                   Gaps
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RESULT 2858 US-08-758-306-811/c

; Sequence 811, Applical ; Patent No. 5807743 ; GENERAL INFORMATION:

Application US/08758306

APPLICANT:

Stinchcomb, Dan T. McSwiggen, James A.

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                                                                                                                                                                                                                                                                                                                        Sequence 376, Application US/08435628 Patent No. 5817796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: WATDURY, Richard J.
NAME: WATDURY, RICHARD J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                  TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE OF INVENTION: TREATMENT OF RESTENGSIS AND TITLE OF INVENTION: CANCER USING RIBOZYMES NUMBER OF SEQUENCES: 2627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 1
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                             STREET: 633 West Fif
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Log anner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/758
FILING DATE: December 3, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A. ZIP: 90071-2066
                   COUNTRY:
                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4361 CCTGTGGACAGGCTG 4375
                                                                                                                                                                                                                                                                                                                                                                                                                                         15 CCAGTGGACAGGCTG 1
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90071
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: California
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                                                                                         E: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                         Draper, Kenneth
McSwiggen, James
Jarvis, Thale
                 U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 530, Application US/08435628 Patent No. 5817796 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 14; Conservat
       COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM COMPATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/986,422
FILING DATE: August 26, 1992
ATTORNERY/AGENT INFORMATION:
NAME: Warburg, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                   APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Warburg, Richard REGISTRATION NUMBER: 32,327 REFERENCE/DOCKET NUMBER: 20 TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Stinchcomb, Dan T. APPLICANT: Draper, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible operating system: IBM P.C. DOS SOFTWARE: Word Perfect 5.1
                                                                                                                                                  ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/01
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
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SOFTWARE:
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Word Perfect 5.1
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US-08-435-628-974/c
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Best Local Similarity 80.0%;
Matches 12; Conservative 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 974, Application US/08435628 Patent No. 5817796
                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigger, Kenneth
APPLICANT: McSwigger, James
APPLICANT: McSwigger, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: CRACKER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: 08/373,124
APPLICATION NUMBER: 13, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REPERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.4
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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US/08/435,628
                                                                                                                                                                ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 12-3510
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CLASSIFICATION: 514
                                                                                                                                                                                                                                                         STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                   STREET: 633 West Fifth Street
STREET: Suite 4700
             CLASSIFICATION: 514
LIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
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1 AGANAGCUCUCCAAG 15
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January 13, 1995
January 13, 1995
                                                                                                                                IBM P.C. DOS 5.0
08/373,124
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Pred. No. 1.9e
2; Mismatches
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US-08-435-628-1421/c
; Sequence 1421, Application US/08435628
; Patent No. 5817796
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Stinch
                                                                                                                  COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. D
SOPTWARE: WORD PEFFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/43
PILING DATE: 05-MAY-1995
CLASSIFICATION 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,1
APPLICATION NUMBER: 08/373,1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: CANCER USING RIBOZYMES
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                 STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local
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                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
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633 West Fifth
                                                                                                                                                                                                                                                                                                                                                                              U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Draper, Kenneth
McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.2%; Score 13.4; liarity 93.3%; Pred. No. 1.96
Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Stinchcomb, Dan T.
                                                                             TOMBER: 08/373,124
January 13, 1995
TUMBER: 08/245,466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        James
                                                                                                                                                                                                      US/08/435,628
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Street
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RESULT 2863
US-08-435-628-1969
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TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 14
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 1.9e+03; Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1969, Application US/08435628 Patent No. 5817796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 633 TOUR 4700 STREET: Suite 4700 CITY: Los Angeles STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                          CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Stinchcomb, Dan T. APPLICANT: Draper, Kenneth APPLICANT: McSwiggen, James APPLICANT: Jarvis, Thale
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Com
OPERATING SYSTEM:
                                                           FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
                                                                                                                          FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: PEDFUARY 7, 1994
APPLICATION NUMBER: 07/987,132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                       FILING DATE: 05-MAY-1995
                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   U.S.A.
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RESULT 2864
US-08-435-628-2051/c
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                                                                                                                                                                                                                                                COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION : 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: January 13, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: PEDUARY 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: AUGUST 26, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: AUGUST 26, 1992
ATTORNEY JASENT INFORMATION:
NUMBER: 07/936,422
FILING DATE: AUGUST 26, 1992
ATTORNEY JASENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-435-628-1969
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Stinchc
APPLICANT: Draper,
APPLICANT: McSwigg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.2%;
Best Local Similarity 66.7%;
Matches 10; Conservative 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2051, Application US/08435628 Patent No. 5817796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: SULLC
CITY: LOS Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 20
TELECOMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                             NAME: Warburg, Richard REGISTRATION NUMBER: 32,327 REFERENCE/DOCKET NUMBER: 20 TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIF: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
TELEFAX: 6
    TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U
ZIP: 90071
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Pred. No. 1.9e+03;
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan
APPLICANT: Draper, Kenneth
                                                                                                                                                                                                                                                   FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 07/936,422
FILING DATE: AUGUST 26, 1992
ATTORNEY/AGENT INFORMATION:
                                              TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 533 West Fifth Street
STREET: 501te 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
                                                                                                                                                              REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PPLICANT:
                                                                                                                                TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/435,628
PILING DATE: 05-MAY-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U
                 TOPOLOGY: 11
                                                                                                                                                                                                                NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                          PILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
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single
linear
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Pred. No. 1.9e+03;
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RESULT 2866
US-08-435-628-2141
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Query Match
Best Local S
Matches 3
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/986,422
                                                                                                                                                                                             TELEFAX: (213) 955-04-
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
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APPLICANT:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Ly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOPTWARE: Word Perfect 5.
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                               TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/01 PILING DATE: 05-MAY-1995
Local Similarity
les 3; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U.S.A.
                                                                                                                STRANDEDNESS:
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: Los Angeles
E: California
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                                                                                                                                    nucleic acid
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633 West Fifth Street
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McSwiggen, James
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Conservative
                                                                                                  linear
                                                                                                                single
                    0.2%;
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93.3%; Pred. No. 1.9e+03
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  11;
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                      Score 13.4; DB 1
Pred. No. 1.9e+03
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    Mismatches
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                                        Length 17;
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                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNDERS: US/08/710,134
PILING DATE: 13-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: DUGAN, DEBOTAB A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: 165-8.1
TELEPHONE: 508-872-8400
TELEPAN: 508-872-8400
TELEPAN: 508-872-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 24, Application US/08710134 Patent No. 5834181
                                                                                                                                                                                                                                         Sequence 1888, Application US/08292620A Patent No. 5837542
                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                       Patent No.
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                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 508-872-5415 INFORMATION FOR SEQ ID NO:
                              APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
                                                                                                                                                   APPLICANT:
                                                                                                                                                                                     APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
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ADDRESSEE: Genzyme Corporation
STREET: One Mountain Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
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                   CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                            5413 AGAAATAAAAAGCAA 5427
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                                                                   Dan T. Stinchcomb
James McSwiggen
Sean Sullivan
                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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Lyon & Lyon
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/desc = "Oligonucleotides"
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                                                                                                                               US-08-292-620A-1888
                                                                 Matches
                                                                                             Query Match
                                                                                                                                                                                                                                TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                          NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILLING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILLING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
                                                              Local Similarity
hes 14; Conserva
                                                                                                                                                                                                                                                 TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE: August CLASSIFICATION: 435
                                                                                                                                                           TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
                                                                                                                                                 TOPOLOGY:
                               5021 TCTGGGAGGAGGCAG 5035
17
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90071-2066
                                                                                                                                                                            nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    633 West Fifth Street
                                                               Conservative
                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          August 17, 1994
                                                                                                                                                             single
                                                                             0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 1.9e+03;
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                                                                                                                                                                                                                                                                                                                208/149
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.44 Mb
                                                                 Mismatches
                                                                                               Length 17;
                                                                 Indels
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                                                                 Gaps
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US-08-292-620A-1912/c
US-08-292-620A-1912/c
Sequence 1912, Application US/08292620A
Pattent NO. 5837542
GENERAL INFORMATION:
APPLICANT: SUBAN Grimm
APPLICANT: James McSwiggen
APPLICANT: James McSwiggen
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Sean Sullivan
APPLICANT: Menneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: MISEASES OR CONDITIONS
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:

3.5" Diskette, 1.44 Mb

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.2%;
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 24, Application US/08485885
Patent No. 5849483
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including a
PRIOR APPLICATION DATA: described to the prior application number: 08/008,895

PILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

PILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Waldurg, Richard J.

REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                           COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN PLACES #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,885
FILING DATE: 07-UN-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Word Perieco
                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genzyme Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: SHUBER, TITLE OF INVENTION:
TELECOMMUNICATION INFORMATION: TELEPHONE: 508-872-8400
                                                                                     ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE:
MEDIUM TYPE:
COMPUTER: IBM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/292,620A FILING DATE: August 17, 1994 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: IBM P.C.
                                 NAME: Dugan, Deborah A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: GE
                                                                                                                                                                                                                                                                                                                                        STREET: One Mount
CITY: Framingham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5021 TCTGGGAGGAGGCAG 5035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17 TGTGGGAGGAGGCAG 3
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                                                                                                                                                                                                                                                                                                                                                            One Mountain Road
                                                                                                                                                                                                                                                                                                        USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                    SHUBER, ANTHONY P.
VENTION: HIGH THROUGHPUT SCREENING METHOD FOR
VENTION: SEQUENCES OR GENETIC ALTERATIONS IN NUCLEIC ACIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IBM Compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     storage
                                                                                                                                                                                                                                               Floppy disk
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                                       GEN4-12.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
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US-08-173-489C-95
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches 14; Conservative
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/ACENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION: 0212) 708-1880
TELECOMMUNICATION DATA
TELECOMMUNICATION: 0212) 708-1880
TELECOMMUNICATION DATA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: WANG, C.
APPLICANT: HEPBURN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (attorney) (2
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                   HYPOTHETICAL: no ANTI-SENSE: no ORIGINAL SOURCE: ORGANISM: Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS LENGTH: 117 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "Oligonucleotides"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
POSITION IN GENOME:
CHROMOSOME/SECHENT: Chromosome
MAP POSITION: 21q22.1
PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                MOLECULE TYPE: genomic DNA
DESCRIPTION: superoxide dismutase gene (accession
DESCRIPTION: J02947) nucleotides 1212 to 1228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC/
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
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510 EAST 73RD STREET,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
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                                                                                                                                   Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      single
                                                                                                                                                                                                                                                                                                                                                                                                        double stranded
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MS-DOS version 6.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENETIC SEQUENCE ASSAY USING DNA TRIPLE-STRAND FORMATION.
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G.
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Hjalmarsson, K,

Marklund, S

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RESULT 2872
US-07-923-871C-7
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US-07-923-871C-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-173-489C-95
                              Query Match
Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 5912117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 7,
                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 489,676
FILING DATE: 07-MAR-1990
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8697
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: NO COUNTRY: USA COUNTRY: 07110-1199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IR PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: White Ph.D, Thomas J.
APPLICANT: Dodge, Deborah E.
TITLE OF INVENTION: Method for Diagnosis of Lyme Disease
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                    HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE: SU
JOURNAL:
JOURNAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PAGES: 6340-6344

DATE: 1987

RELEVANT RESIDUES IN SEQ ID NO: 95 :FROM 1 TO 17
                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Nutley
                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                             TELEFAX: (510) 814-2977
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE:
6286 GTGCTACACTGGCCT 6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2998 CCCCCACCCCTCACC 3012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3 CCCCCACCCCTCCCC 17
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Follation and sequence of

complementary dna encoding human extracellular-
superoxide dismutase
superoxide dismutase
receedings of the National Academy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Application US/07923871C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E: Hoffmann-La Roche Inc.
340 Kingsland Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sciences, USA
                                  Conservative
                                                                                                                                                                      linear
                                                                                                                                         ĕ
                                                                                                                                                      DNA (genomic)
                                                                                                                                                                                      single
                              0.2%; Score 13.4; DB 1; Length 17; 93.3%; Pred. No. 1.9e+03; ative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.2%; Score 13.4;
93.3%; Pred. No. 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                       US 489,676
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RESULT 2874
US-08-531-137B-28/c
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              Sequence 28, Application US/08531137B

Patent No. 5974164

Patent No. 5974164

Patent No. 5974164

PATENTION: Computer-Aided Visualization and TITLE OF INVENTION: Analysis System for Sequence Evaluation Patent No. 5974164

NUMBER OF SEQUENCES: 39

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 33, Application US/08472802C Patent No. 5958680
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                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/472,802C
APPLICATION DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/272,102
APPLICATION NUMBER: US 08/272,102
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
PILING DATE: 27-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 15389-00082
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (415) 576-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 576-0200
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Feng, Junli
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Villeponteau, APPLICANT: Feng, Junli APPLICANT: Andrews, Willi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (415)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: 811
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  ADDRESSEE:
                                                                                                                                                                                                                                                                                            3168 TTAGGTTTGGGTTTG 3182
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Ritter, Van Pelt & Yi
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Gaps

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RESULT 2875
US-08-825-487A-95/c
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,137B
FILING DATE: October 16, 1995
CLASSIFICATION: 382
ATTORNEY/AGENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PATENTIAN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/825,487A
FILING DATE: 28-MAR-1997
CLASSIFICATION 435
PRIOR APPLICATION NUMBER: PCT/US98/060002
APPLICATION NUMBER: PCT/US98/060002
FILING DATE: 26-MAR-1998
FILING DATE: 26-MAR-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 95, Application US/08825487A Patent No. 6048689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Murphy, Patricia D.
APPLICANT: White, Marga B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: 650-903-3501
TELEFAX: 650-903-3501
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Albert P. Halluin
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 0537
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: 17
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-903-3500
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Ritter, Michael J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: METHODS FOR IDENTIFYING VARIATIONS IN NUMBER OF SEQUENCES: 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             y Match 0.2%; Score 13.4; DB 1;
Local Similarity 93.3%; Pred. No. 1.9e+03;
hes 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
CITY: I
                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 1237
CTTY: Washington,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
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ZIP: 94022
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                               ZIP: 20004
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Howrey & Simon
STREET: 1299 Pennyslvania Avenue., N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5590 ATGTGGATTTGGTTT 5604
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                     05371.0012.999
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTENCY MINDOWS 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 60/036,476
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Akhtar
                                                                                                                              TELEFAX: (213) 955-04
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Akhtar, Saghir
APPLICANT: Pell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: Other
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: 1...17
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Other
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                                                                                                                                                                                                                                                     NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A.
                                             STRANDEDNESS:
                                                                   TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
                              TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6462 TACTTTTTTTTTCTG 6476
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                                                                                                                                  116:
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Pred. No. 1.9e+03
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RESULT 2878
US-08-998-099-134
; Sequence 134, Application US/08998099A
; Patent No. 6103890
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                                                                                                                                                                                                                                                    US-08-985-162-617
                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEEX: 67-3510
INFORMATION FOR SEQ ID NO: 617:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                          Best Local Similarity Matches 9; Conserv
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Best Local (
                                                                                                                                                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:

APPLICANT: Akhtar, Saghir

APPLICANT: Hit Patricia

APPLICANT: McSwiggen, James

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT

TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH

TITLE OF INVENTION: FACTOR RECEPTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM; IBM P.C. DOS 5.0
SOFTWARE: FASTEME for Windows 2.0
CURRENT APPLICATION DATA;
APPLICATION NUMBER: US/08/985,162
PILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA;
APPLICATION NUMBER: 60/036,476
PILING DATE: 31 January 1997
ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSES: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                         ENGTH:
                                                                                                                                           5248 ATTCACCAGCATTTG 5262
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                                                                                                                                                                                                                                                                                                                         17 base pairs
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                                                                                                                                                                                               Score 13.4; DB 1; Length 17; Pred. No. 1.9e+03;
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Pred. No. 1.9e+03;
                                                                                                                                                                            Mismatches
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GENERAL INFORMATION:

APPLICANT: JARVIS, THALE

APPLICANT: MCSWIGGEN, JAMES A.

APPLICANT: STINCHCOMB, DAN T.

ITITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES

ITITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS

ITITLE OF INVENTION OR CONDITIONS RELATED TO LEVELS OF C-FOS

ITITLE OF INVENTION NUMBER: US/08/998,099A

CURRENT FILING DATE: 1997-12-24

EARLIER APPLICATION NUMBER: 60/037,658

EARLIER APPLICATION NUMBER: 08/373,124

EARLIER APPLICATION NUMBER: 08/373,124
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; ORGANISM: Homo sapiens
US-08-998-099-134
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 134 LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                 COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C.
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/0
                                                                                                                                                                                                                                                                                                                                      ZIF: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Susan Grimm APPLICANT: Dan T. Stine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                    FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3382 CTCCTCCCCCAGCTG 3396
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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Pred. No. 1.9e+03;
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
APPLICATION NUMBER: 08/008/292,620
APPLICATION NUMBER: 08/008/995
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wasburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
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REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C.
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
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                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        17 TGTGGGAGGAGGCAG 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          8: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.2%;
ilarity 93.3%;
Conservative
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James McSwiggen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Susan Grimm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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                                                                                                                                                                                        US/08/292,620
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Pred. No. 1.
                                                                                                                                                                                                                                                                                                                       DOS 5.0
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Patent NO. 6244400

NUMBER OF SEQUENCES: 39

CORRESPONDENCE ADDRESS:

ADDRESSEE: Ritter, Van Pe

STREET: 4906 El Camino Ro
                                                                                                                  ; STRANDEDNESS:
; TOPOLOGY: line
; MOLECULE TYPE: I
US-09-158-765-28
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                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Ritter, Michael J.
REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: AFFY
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-903-3500
TELEPAX: 650-903-3501
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 28, Application US/09158765 Patent No. 6242180
                                                                                     Query Match
                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 17 base pairs
                                                                       Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Chee, Mark S.
TITLE OF INVENTION: Comp
TITLE OF INVENTION: Anal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/158,765
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 4906 El Ca
CITY: Los Altos
STATE: California
                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                             LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5021 TCTGGGAGGAGGCAG 5035
                           5590 ATGTGGATTTGGTTT 5604
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                                                                         Similarity
                                                                                                                                                                                                17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
                                                            Conservative
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                                                                                                                                    DNA (oligonucleotide)
                                                                                                                                                                  вingle
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                                                                       93.3%;
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                                                                                                                                                                                                                                                                                                                                                                    08/531,137
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Real, Suite 205
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 13.4; D
Pred. No. 1.9e
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0
                                                         Score 13.4; DB 1;
Pred. No. 1.9e+03;
0; Mismatches 1
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                                                                                       Length 17;
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                                                            Indels
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                                                                                                                                                                                  Sequence 2188, Application US/08584040 Patent No. 6346398
                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Becobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION UNMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: TREATMENT OF DISEASES OR TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: Ca
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEB: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM COM
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                              4473 TTTTTTTTTTGTCT 4487
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5. 6346398
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McSwiggen, James

Stinchcomb, Dan T.

Stinchcomb, Jaime
                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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                                                                                                                                                                             APPLICANT: PAVCO, PAMELA
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2189, Application US/08584040 Patent No. 6346398 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity Matches 2; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,0.
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
APPLICATION NUMBER: 36,1995
ATTORNEY, AGENT INFORMATION:
NAME: WARDLING, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 218/06.
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 495-60440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                                                                                                                    ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                          COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                STATE:
                                                                                                   CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Los Angeles
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                                                                                California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.2%; Score 13.4; DB 1; Length 17; llarity 13.3%; Pred. No. 1.9e+03; Conservative 12; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8502
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RESULT 2885
US-08-584-040-2739
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (213) 955-0440
TELEX: (67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nuclaic acid
TYPE: nuclaic acid
STRANDEDNESS; single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2739, Application US/08584040 Patent No. 6346398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: storage
COMPUTER: IBM COmpatible
OPERATING SYSTEM: IBM P.
SOFTWARE: WOR'D PERFECT E
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Warburg, Richard J.
REGISTAN NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: ESCOBEDO, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
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                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                   COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Pavco, Pamela
APPLICANT: MCSWiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Lyon & Lyon
STREET: .633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                    ZIP: 90071-2066
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US-08-584-040-2807
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.2%; Score 13.4; Best Local Similarity 46.7%; Pred. No. 1 Matches 7; Conservative 7; Mismatch
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,04
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: OCTOBER 26, 1995
ATTORNBY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPAX: (213) 955-04-
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS LENGTH: 17 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Bscobedo, Jaine
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVEI
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: tecrage
COMPUTER: IBM Compatible
                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600 TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: STRANDEDNESS: 811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (213) 955-0440
                                                                                                                                              NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3966 ААТАТТТСТТААСТС 3980
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                                                                                                                                                                                                                                                                                                                                                                                          IBM Compatible
SYSTEM: IBM P.C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8502
                                                                                                                                                                                                                                                                                                                           US/08/584,040
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                                                                                                                                          JS-08-584-040-5682
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Best Local Similarity
Matches 11; Conserv
                                                                                  Query Match
Best Local S
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APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Becobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No.
                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -08-584-040-5682/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Btorage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                 TELEFAX: (21).
TELEFAX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                      TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Los Angeles
STATE: California
                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                        LENGIH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: January 11, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U.S.A.
                                  5441 GGGCAATGACAAGAA 5455
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5. 634639
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                                                                 h 0.2%;
Similarity 93.3%;
14; Conservative
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Pred. No. 1.
                                                                                  Score 13.4; DB 1; Length 17; Pred. No. 1.9e+03;
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                                                                   Mismatches
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                                                                     Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: KATPEISKY, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and
FILE REFERENCE: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/99/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR APPLICATION DATE: 1998-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-474-432B-896/C
COUNTRY: USA

CIP: 9411-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/057,351

FILING DATE: 08-APR-1994

CLASSIFICATION: 435

PRIOR APPLICATION UMBER: US 08/272,102

FILING DATE: 07-JUL-1994

FILING DATE: 07-JUL-1994
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Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 33, Applia Patent No. 6548298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 1526
SOFTWARE: Patentin version 3.0
SEQ ID NO 896
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                        STREET: IWO DENIED CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junii
APPLICANT: Founk, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6976 TAAAAACAAAACAGA 6990
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                                                                                                                                                                                                                                                                                                                                                                                             E: Townsend and Townsend and Crew LLP
Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.2%;
ilarity 93.3%;
Conservative
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Pred. No. 1.
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NAME: Storella John R.

REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 015389-000821US
REFERENCE/DOCKET NUMBER: 015389-000821US
TELECOMOUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0300
INFORMATION FOR SEO ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
RESULT 2891
US-09-711-772B-733
; Sequence 733, Application US/09371772B
; Patent No. 6566127
; Patent INFORMATION:
GENERAL INFORMATION
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-371-772B-732
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                                                                                                                                                                                             밁
                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: RNA
; ORGANISM: Hómo sapiens
US-09-371-772B-732
                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 732
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 732, Applica Patent No. 6566127 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.2
Best Local Similarity 93.2
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                     Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MehBBOO, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Ribozyme Pharmaceuticals, Inc APPLICANT: Pavco, Pam
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,802
FILING DATE: 07-JUN-1995
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                   Local
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McSwiggen, Jim
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Pred. No. 1.9e+03;
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APPLICANT: Pavco, Pam
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R.
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00, 876-J (237/138)
CURRENT APPLICATION NUMBER: US 09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NO 734
LENGTH: 17
TYPE: RNA
OCALNISM: Homo sapiens
US-09-371-772B-734

O 2%: Score 13.4; DB 1; Length 17;
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; ORGANISM: Homo sapiens
US-09-371-772B-733
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US-09-371-772B-1263
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US-09-371-772B-734
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
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NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 733
                                                                                                                                             Sequence 1263, Application US/09371772B Patent No. 6566127
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APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MeBHBOO, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1995-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        10.2%; Score 13.4; DB 1; Local Similarity 13.3%; Pred. No. 1.9e+03; DB 2; Conservative 12: Michael Property 12: Michael Property 12: Michael Property 12: Michael Property 13: Mi
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McSwiggen,

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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION NUMBER: US.09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US.60/005,974
PRIOR FILING DATE: 1995-01-026
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
LEQ ID NO 1331
                                                                                                                                 RESULT 2895
US-09-371-772B-2568/c
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Best Local Similarity
Marches 7; Conserva
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; ORGANISM: Homo sapiens
US-09-371-772B-1263
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US-09-371-772B-1331
                      Sequence 2568, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, II
APPLICANT: Pavco, Pam
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn version 3.0 SEQ ID NO 1263
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Best Local (
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TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
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                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: RNA
ORGANISM: Homo sapiens
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Pavco, Pam
McSwiggen, Jim
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Escobedo, Jaime
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Pred. No. 1.9e+03;
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RESULT 2897
US-09-371-772B-5287
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APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Mcthod and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MGHB00,876-J (237/198)
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SOFTWARE: Patentin version 3.0
SEQ ID NO 4186
LENGTH: 17
                                                                                             Sequence 5287, Application US/09371772B Patent No. 6566127
GENERAL INFORMATION:
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Patent No. 6566127
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SEQ ID NO 2568
LENGTH: 17
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
NUMBER OF SEQ ID NOS: 14225
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                                                 APPLICANT: Ribozyme Pharmaceuticals, Inc APPLICANT: Pavco, Pam
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Pavco, Pam
McSwiggen, Jim
Stinchcomb, Dan
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Pred. No. 1.9e+03;
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APPLICANT:

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; ORGANISM: Homo sapiens
US-09-371-772B-5287
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US-09-371-772B-5594
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CURRENT APPLICATION NUMBER: US(50/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE REFERENCE: MBHB00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR TILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 5594
LENGTH: 17
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Best Local Similarity 66.7%;
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Patent No. 6607887

NUMBER OF SEQUENCES: 39

CORRESPONDENCE ADDRESS:
                                                                                                                                                                               Sequence 28, Application US/097:
Patent No. 6607887
GENERAL INFORMATION:
APPLICANT: Chee, Mark S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: RNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4030 GAAAACAAAATGTTA 4044
                                                                                                          TITLE OF INVENTION: Computer-Aided Visualization and Analysis System for Sequence Evaluation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               11,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3 GAAAACUAAAUGUUA 17
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                                                                                                                                                                                                                                                                                              Application US/09796071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.2%; Score 13.4; DB 1; Length 17; 73.3%; Pred. No. 1.9e+03; tive 3; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4;
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Pred. No. 1.9e+03;
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                              APPLICANT: Habozyme Pharmaceuticals, Inc.

APPLICANT: Beigelman, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Karpeisky, Alex

APPLICANT: Karpeisky, Alex

APPLICANT: Sweedler, Dave

APPLICANT: Sweedler, Dave

APPLICANT: Sweedler, Dave

APPLICANT: Symedler, Shawn

TITLE OF INCENTION NUMBER: US/09/476,387

CURRENT APPLICATION NUMBER: US/09/476,387

CURRENT APPLICATION NUMBER: US/09/474,432

PRIOR APPLICATION NUMBER: US/09/474,432

PRIOR APPLICATION NUMBER: US/09/176,387

CURRENT FILING DATE: 1999-12-29

PRIOR APPLICATION NUMBER: US/09/301,511

PRIOR APPLICATION NUMBER: US/08/301,511

PRIOR APPLICATION NUMBER
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Patent No. 6617438
GENERAL INFORMATION:
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Matches
                                                                                                                                               Query Match
Best Local (
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INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC FORMATION:
COMPUTER: IBM PC FOOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/796,071
FILING DATE: 27-Feb-2001
CLASSIFICATION CURROWN>
PRIOR APPLICATION NUMBER: 08/531,137
PRIOR APPLICATION NUMBER: 08/531,137
PILING DATE: <UNKNOWN>
PILING DATE: <UNKNOWN>
APPLICATION NUMBER: 08/531,137
PILING DATE: <UNKNOWN>
APPLICATION NUMBER: 36,633
REFERENCE/DOCKET NUMBER: 36,633
                                                                                                             Local Similarity
les 14; Conserv
                                                                                                                                                                                                                                                         IENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
SEQUENCE DESCRIPTION: SEQ ID NO: 28:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                         5590 ATGTGGATTTGGTTT 5604
15 ATGTGGATTGGGTTT 1
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STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 94022
                                                                                                                Conservative
                                                                                                                                               0.2%;
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                                                                                                                   Score 13.4; DB 1;
Pred. No. 1.9e+03;
0; Mismatches 1;
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                                                 Query Match
Best Local Similarity
Matches 11; Conserv
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Best Local Similarity
Matches 14; Conser
                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A
                                                                                                                                                                                   TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                  STRANDEDNESS:
TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                              TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
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                      398 АТААСТСТССССТА 412
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AGAAGUGUCCCCGUA 15
                                                 0.2%;
ilarity 73.3%;
Conservative
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                                                                                                                               single
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Pred. No. 1.9e+03;
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                                                 Score 13.4; D
Pred. No. 1.9e
3; Mismatches
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US-09-401-063-617
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                                                                                                                                                                                         RESULT 2903
                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-401-063-617
                 Sequence 102, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: MOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDhMORF-8
                                                                                                                                                                                                                                                                                                                                       Query Match 0.2%;
Best Local Similarity 60.0%;
Matches 9; Conservative
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Patent No. 6623962
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APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
CURRENT APPLICATION NUMBER: US/09/827,998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/985,162

FILING DATE: 04 December 1997

APPLICATION NUMBER: 60/036,476

FILING DATE: 31 January 1997

ATTORNEY/ACENT INFORMATION:

NUMBER: PILING DATE: 31 January 1997

ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FABTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (213)
TELEFAX: (213)
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/401,063 FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 90071-2066
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                                                                                                                                                                                                                                                                                             5248 ATTCACCAGCATTTG 5262
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Pred. No. 1.9e+03;
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                                                                                                                                                                                                                                                                                                                                                                                   1:
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US-09-827-998-103; Sequence 103, Application US/09827998; Patent No. 6656700
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; ORGANISM: Homo sapiens
US-09-827-998-102
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                                                                                                                                                                                                                                                                                                                                             RESULT 2905
US-09-827-998-104

/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-103
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APPLICANT: Gu, Yizhong
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN:
TILE REFERENCE: MDhMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMORP-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Acomica Sequence Listing Engine Patent No. 6656700 SEQ ID NO 103 LENGTH: 17
                                                                                                                                                                                                                                                                                             Sequence 104, Application US/09827998 Patent No. 6656700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER: CE CENTE: 2000-09-27
NUMBER: CE CENTE: 2000-09-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14; Conservative
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Aeomica Sequence Listing Engine
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Pred. No. 1.9e+03;
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Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-371
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; ORGANISM: Homo sapiens US-09-827-998-372
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US-09-827-998-372
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; SEQ ID NO 104
; LENGTH: 17
; TYPE: DNA
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Sequence 371, Application US/09827998

Batent No. 6656700

GENERAL INFORMATION:

APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark

TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDMMORF-8

CURRENT APPLICATION NUMBER: US/09/827,998

CURRENT FILING DATE: 2001-04-06

PRIOR PILING DATE: 2001-05-26

PRIOR PILING DATE: 2000-09-27

PRIOR FILING DATE: 2000-09-27
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                     SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Aeomica Sequence Listing Engine Patent No. 6656700 SEQ ID NO 371
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Best Local :
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                                                                                                                       APPLICANT: GL, YIZHONG
APPLICANT: Shannon, MAIK
APPLICANT: Shannon, MAIK
TITLE OP INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MINMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
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                                      TYPE: DNA
                                                     ENGTH:
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nes 14; Conserv
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Pred. No. 1
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Pred. No. 1
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; ORGANISM: Homo sapiens
US-09-827-998-373
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US-09-827-998-373
                                                                   PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00666
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Matches
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APPLICANT: GU, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN
FILE REFERENCE: MDhMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
CURRENT FILING DATE: 2001-04-06
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Best Local Similarity
Matches 14; Conserv
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SEQ ID NO 373
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                     PRIOR PRIOR PRIOR
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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SOFTWARE: Aeomica Sequence
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-99-27
                                                                                                                                                                                                                                                                                                                                       APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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les 14; Conserv
                                                                                         APLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
                                 APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
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PENN, Sharron G.
HANZEL, David K.
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NUMBER: PCT/US01/00665
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                     2001-01-30
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Pred. No. 1.9e+03;
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Pred. No. 1.9e+03;
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-552
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US-09-866-108A-552
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: DCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: DCT/US01/00667
PRIOR APPLICATION NUMBER: DCT/US01/00667
                                                                                                                                                            SOFTWARE: Aeo
Patent No. 668
SEQ ID NO 552
LENGTH: 17
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SEQ ID NO 551
LENGTH: 17
TYPE: DNA
Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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GENERAL INFORMATIC
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Best Local Similarity 93.3%;
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APPLICANT:
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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                                                                                                                                                                                                                                                   Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: RANK, Ďavid R.
APPLICANT: CHENNON, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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HANZEL, David K.
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                                                                                                                                                                                                                                 Sequence Listing Engine
      Score 13.4; DB 1;
Pred. No. 1.9e+03;
0; Mismatches 1
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Pred. No. 1.
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US-09-866-108A-2191
                                                                                                                                                     Sequence 2194, Application US/09866108A Patent No. 6686188 GENERAL INFORMATION:
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yongga
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Best Local Similarity 93.3%;
Matches 14; Conservative
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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
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PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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                                                                         APPLICANT:
                                                                                       APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
           APPLICANT:
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PENN, Sharron G.
HANZEL, David K.
RANK, David R.
CHEN, Wensheng
SHANNON, Mark
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HANZEL, David K.
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Pred. No. 1.
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; ORGANISM: Homo sapiens
US-09-866-108A-2194
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PRIOR DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR PPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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Patent No. 6686188
SEQ ID NO 2194
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APPLICANT:
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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Similarity 93.3%;
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Pred. No. 1
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; ORGANISM: Homo sapiens
US-09-866-108A-2667
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                                                                                                           Patent No. 6686
SEQ ID NO 5949
LENGTH: 17
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SEQ ID NO 2667
Query Match
Best Local Similarity
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Best Local Similarity
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                  SOFTWARE: Aeomica Sequence Listing Engine
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APPLICANT: JI, Yongga
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                                                                      ORGANISM: Homo sapiens
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FILING DATE: 2001-01-30
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HANZEL, David K.
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Conservative
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Pred. No. 1.9e+03
Score 13.4; DB 1;
Pred. No. 1.9e+03;
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                 Length 17;
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Sequence 6257, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
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US-09-866-108A-5950/c
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PRIOR FILING DATE: 2000-05-26
PRIOR PELICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
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Patent No. 6686188
SEQ ID NO 5950
LENGTH: 17
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APPLICANT:
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANKON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharro
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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Pred. No. 1.9e+03;
0; Mismatches 1;
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CHEN, Wensheng

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APPLICANT: JI, YONGSANG
APPLICANT: PENN, Sharron G.
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MASK
TITLE OF INVESTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
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; ORGANISM: Homo sapiens
US-09-866-108A-6257
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Best Local Similarity 93.3%;
Matches 14; Conservative
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SEQ ID NO 6257
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
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FILING DATE: 2001-01-30
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NUMBER: PCT/US01/00669
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Pred. No. 1.9e+03;
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RESULT 2918
US-09-866-108A-6259
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· Query Match
                                          ORGANISM: Homo sapiens US-09-866-108A-6259
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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Matches 14; Conservative
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SEQ ID NO 6258
                                                                                                                              SOFTWARE: Aeomica Sequence Patent No. 6686188 SEQ ID NO 6259
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SOFTWARE: Acomica Sequence Listing Engine
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PRIOR PILING-DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILLING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILLING DATE: 2000-05-26
PRIOR FILLING DATE: 2000-05-26
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ORGANISM: Homo sapiens
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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HANZEL, David
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Pred. No. 1.9e+03;
  Score 13.4;
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      1;
    Length 17;
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Best Local Similarity
Matches 14; Conserva
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; ORGANISM: Homo sapiens
US-09-866-108A-7070
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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                                                                                 Sequence 7588, Application US/09866108A Patent No. 6686188
GENERAL INFORMATION:
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SEQ ID NO 7070
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            APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
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NUMBER OF SEQ ID N
SOFTWARE: Aeomica
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
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APPLICANT: JI, Yongga
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00663
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HANZEL, David K.
RANK, David R
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                                                                                                                                                                                                                                                                                             Score 13.4; DB 1;
Pred. No. 1.9e+03;
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; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, MARK
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; TILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR RILING DATE: 2000-10-04
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: WS 60/236,359
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR PILING DATE: 2001-01-30
; PRIOR PILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
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SEQ ID NO 7588
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APPLICANT:
APPLICANT:
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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Local Similarity 93.3%;
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PENN, Sharron G.
HANZEL, David K.
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Pred. No. 1.
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; ORGANISM: Homo sapiens
US-09-866-108A-7589
                                                                             SOFTWARE: Aeom
Patent No. 6686
SEQ ID NO 7983
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SEQ ID NO 7589
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Best Local Similarity
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Sequence 7983, Application US/09866108A
ORGANISM: Homo sapiens
-09-866-108A-7983
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
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                                        TYPE: DNA
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No. 6686188
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HANZEL, David K.
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                                                                                                                                                                       See File Wrapper or PALM
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                                                         RESULT 2924
                                                                                                                                                                                                                                                                       ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8872
                                    US-09-866-108A-8873/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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Patent No. 6686188
SEQ ID NO 8872
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Matches 4.14; Conservative
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
Sequence 8873, Application US/09866108A Patent No. 6686188
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Best Local Similarity
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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JI, Yonggang
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Pred. No. 1
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Pred. No. 1
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                                                                                                                                                                                                                    .9e+03;
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                                                                                                                                                                                                                                      DB 1;
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GENERAL INFORMATION:

APPLICANT: GU, Yizhong APPLICANT: JI, Yongga

Yonggang N. Sharron

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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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; ORGANISM: Homo sapiens
US-09-866-108A-8873
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Patent No. 6686188
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SEQ ID NO 8873
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Best Local
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Sequence 8874, Application US/09866108A
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: ABONICA-7
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CURRENT FILING DATE: 2001-05-25
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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FITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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FILING DATE: 2001-01-30
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                                         APPLICATION NUMBER: PCT/US01/00667
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PENN, Sharron G.
HANZEL, David K.
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NUMBER: PCT/US01/00664
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Pred. No. 1.
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US-09-866-108A-9377
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; SEQ ID NO 8874
                                                          ; Patent No. 6686
; SEQ ID NO 9377
; LENGTH: 17
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PRIOR FILING DATE: 2001-01-30
PRIOR PFLICATION NUMBER: PCT/US01/00665
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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Best Local Similarity
Matches 14; Conserv
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PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR APPLICATION NUMBER: PCT.
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT.
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PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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                TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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PENN, Sharron G.
HANZEL, David K.
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Pred. No. 1.9e+03;
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                                                                                                                                                                             See File Wrapper or
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RESULT 2927
US-09-866-108A-9378
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                                                                                                                   RESULT 2928
US-09-866-108A-9379
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; ORGANISM: Homo sapiens
US-09-866-108A-9378
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PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
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Best Local
                                                         Sequence 9379, Application US/09866108A Patent No. 6686188 GENERAL INFORMATION:
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Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No. 668 SEQ ID NO 9378
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SOFTWARE: Acomica Sequence Listing Engine
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND
FILE REPERENCE: ABOMICA-7
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
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PRIOR FILING DATE: 2001-01-30
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Similarity 93.3%;
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HANZEL, David K.
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Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                                              Score 13.4; DB 1;
Pred. No. 1.9e+03;
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                                                                                                                                                                                                                                                                                            Mismatches
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; ORGANISM: Homo sapiens
US-09-866-108A-9379
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PCT-US91-01574-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 66865; SEQ ID NO 9379
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Natches 14; Conservative O. Winner 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 7, Application PC/TUS9101574 GENERAL INFORMATION:
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APPLICANT: ,C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/866,108A CURRENT FILING DATE: 2001-05-25 PRIOR APPLICATION NUMBER: US 60/207,456 PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
                                                                                                                                                                                                                                                                                                                                         APPLICANT: White Ph.D, Thomas J.

APPLICANT: Dodge, Deborah E.

TITLE OF INVENTION: Method for Diagnosis of Lyme Disease
NUMBER OF SEQUENCES: 30
                                                              SOFTWARE: PatentIn Rel
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
APPLICATION NUMBER: PILING DATE: 19910307 CLASSIFICATION: 435
                                                                                                                                                                                             ZIP: 94608
                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                 STREET:
                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US01/00664 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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RANK, David R.
CHEN, Wensheng
                                                                                                                                                                                                                              Š:
                                                                                                                                                                                                                                                                               E: Cetus Corporation
1400 Fifty-Third Street
                                                                                                                                                                                                                     USA
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                                              PCT/US91/01574
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                See File Wrapper or PALM.
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                                                                                      TELEPHONB: 415-327-7250
TELEFAX: 415-327-2951
TELEFAX: 415-327-2951
TELEFAX: 706141
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 7, Application:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local Similarity
                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: MUTABAIGE, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: 4992659
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FOR PC compatible
COMPUTER: PATENT PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 199.10524
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: KASTEER, KEYIR R.
REGISTRATION NUMBER: 32,704
REFERENCE/DOCKET NUMBER: 2536.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 420-3444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Krawczyk, Steven
TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
TITLE OF INVENTION: DUPLEX DNA
NUMBER OF SEQUENCES: 158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HYPOTHETICAL: | ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Matteucci, Mark D. APPLICANT: Krawczyk, Steven
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
OTHER INFORMATION: /mod_base= OTHER
                                      NAME/KEY:
                                                                            TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (415) 420-34
TELEFAX: (415) 658-5239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6286 GTGCTACACTGGCCT 6300
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                                      modified_base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             93.3%;
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Pred. No. 1.9e+03;
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                                                                                                         ; ANTI-SENSE: NO US-07-766-751-2
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US-07-766-751-2/c
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Best Local Similarity 87.5%; Pred. No. 1.9e+03:
Matches 14; Conservative
                                   Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/766,751
FILING DATE: 19910927
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CCHAREED EOGREE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2, Application US/07766751 Patent No. 5480895
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: FRIEDMAN, STEVEN M
APPLICANT: CROW, MARY K
APPLICANT: POSNETT, DAVID
                                                                                                                                                                                                                                                                  TELEFAX: (212)753-623
TELEX: 236687
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                NAME: SCHAFFER, ROBERT
REGISTRATION NUMBER: 31,194
REFERENCE/DOCKET NUMBER: 5983
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)527-7700
TELEPAX: (212)753-6237
                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: /note= "N4,N4-ethanocytosine" FEATURE:
                                                                                                                                            HYPOTHETICAL:
                                                                                                                                                         MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEB: DARBY & DARBY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 805 TH
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OTHER INFORMATION: /note= "1,3-propanediol"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
                                                                                                                                                                         STRANDEDNESS: 81
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A. ZIP: 10022-7513
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: modified_base LOCATION: 17
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LOCATION:
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   5866 GGCAGGGTCAGGCTT 5880
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NEW YORK
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                                    Conservative
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                                                                                                                                              NO
                                                                                                                                                           DNA (genomic)
                                                                                                                                                                                              single
                                                   0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 METHODS OF PRODUCING ANTIBODIES TO A RESTRICTED POPULATION OF T-LYMPHOCYTES
                                                                                                                                                                                                                                                                      N
                                   0;
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                                                     Score 13.4; DB 1;
Pred. No. 2.1e+03;
                                      Mismatches
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                                                                      Length 18;
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                                      Gaps
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US-08-170-095B-34/c

; Sequence 34, Application US/08170095B

; Patent No. 5563254

; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 31, Application US/08170095B Patent No. 5563254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPAX: 303-444-3013
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: System 7.0.1
SOPTWARE: Microsoft Word 5.0a
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/170,095B
FILING DATE: December 20, 1993
CLASSIFICATION: 530
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: HO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 303-541-3322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hoffman, Stephen J.
APPLICANT: Nagai, Kiyoshi
TITLE OF INVENTION: Blood Substitutes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DESCRIPTION: HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: unknown to applicant MOLECULE TYPE: Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: No. 5563254ak, Henry P.
REGISTRATION NUMBER: 33200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
COMPUTER: Apple Macintosh
                                                                                                                                             APPLICANT: Hoffman, Stephen J.
APPLICANT: Nagal, Klyoshi
TITLE OF INVENTION: Blood Substitutes
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 2010
STREET: 2010
STREET: 2010
STREET: 2010
STREET: 2010
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                                        CIL.
STATE: CC
TO: 80301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                             CITY: Boulder
                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                     7463 TGGCTTCTATTTCTA 7477
                                                                                                                                                                                                                                                                                                                                                                            نم
                                                                                                                                                                                                                                                                                                                                                                                                                                                      14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Similarity
                                                                                                                                                                                                                                                                                                                                                                            TGGCTTCTGTTTCTA 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Colorado
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: Somatogen, Inc.
2545 Central Avenue
                                                                       Colorado
                                                                                                              2545 Central Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                 Somatogen, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.2%; Score 13.4; DB 1; Length 18; 93.3%; Pred. No. 2.1e+03; tive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  31:
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US-08-216-276A-7
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Patent No. 559591
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
FILING DATE: 23-MAR-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNUBER: US 08/083,784
FILING DATE: 28-JUN-1993
PRIOR APPLICATION UNUBER: US 07/519,202
APPLICATION UNUBER: US 07/519,202
FILING DATE: 04-MAY-1990
PRIOR APPLICATION UNUBER: US 07/227,311
APPLICATION UNUBER: US 07/227,311
APPLICATION UNUBER: US 07/227,311
FILING DATE: 02-AUG-1988
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 303-444-3013
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: unknown to applicant MOLECULE TYPE: Other nucleic acid DESCRIPTION: primer HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: No. 5563254ak, Henry P.
REGISTRATION NUMBER: 33200
REPERENCE/DOCKET NUMBER: HOFF
TELECOMMUNICATION INFORMATION:
TELEPHONE: 303-541-3322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Microsoft WO
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 1/25
STREET: 1/25
STREET: Virginia
STATE: Virginia
                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/216,276A
FILING DATE: 23-MAR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES.
TITLE OF INVENTION: ASSOCIATED WITH US IBDV VARIANTS, VECTOR CARRYING DNA
TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO
TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: December 20, 1993 CLASSIFICATION: 530
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                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
ZIP: 22202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER & NEUS
ADDRESSEE: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 7463 TGGCTTCTATTTCTA 7477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            16 TGGCTTCTGTTTCTA 2
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                                                                                                                                                                                                                                                                                                                            PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                           Floppy disk
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93.3%; Pred. No. 2.1e+03
ative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SPIVAK, MCCLELLAND, MAIER & NEUSTADT.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 18;
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Best Local Similarity
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APPLICANT: VAKHARIA, VIKRAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (703) 413-300
TELEPAX: (703) 413-2220
TELEX: 24865 OPAT UR
INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
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TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                         FILING DATE: 23-MAR-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/083,784
FILING DATE: 28-JUN-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
ORIGINAL SOURCE:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/519,202
FILING DATE: 04-MAY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/227,311
FILING DATE: 02-AUG-1988
                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
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                                                                                      REGISTRATION NUMBER: 30,073
REFERENCE/DOCKET NUMBER: 2747-054-27 CIP
                                                                                                       NAME: Kelber, Steven B. REGISTRATION NUMBER: 30
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    P.C.
    1755 S. Jefferson Davis Highway, Suite 400

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SPECIFIC DNA AND RNA SEQUENCES
ASSOCIATED WITH US IBDV VARIANTS, VECTOR CARRYING DNA
SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO ACID
SEQUENCES, VACCINE AND METHOD OF VACCINATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 2.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                 US/08/216,276A
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RESULT 2936
US-08-390-850-1122/c
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US-08-390-850-1122
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Best Local Similarity
Matches 14; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1122, Ap
                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/390,850
FILING DATE: Pebruary 17, 1995
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 19
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
APPLICATION PROPRIATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                        NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
ORIGINAL SOURCE:
ORGANISM: Inf
                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: IBM P.C. DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT TITLE OF INVENTION: OF ARTHRITIC CONDITIONS NUMBER OF SEQUENCES: 1151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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                                                                                                                        TELEPHONE: (213)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADURESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: unkno
                 TOPOLOGY:
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                                             nucleic acid
                                                                                                                67-3510
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                                                             18 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gustofson, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pavco, Pamela
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Draper,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Application US/08390850
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                              single
                                                                                                                               955-0440
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                                                                                                 1122:
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Pred. No. 2.1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                1993
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US-08-396-866-31
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                                                                                                                                                   RESULT 2938
US-08-396-866-34/c
                                                                                                                                                                                                                                                                                                                                                                                   US-08-396-866-31
Sequence 34, Application US/08396866
PATENT NO. 5661124
GENERAL INFORMATION:
APPLICANT: Hoffman, Stephen J.
APPLICANT: Nagai, Kiyoshi
TITLE OF INVENTION: Blood Substitutes
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 31, Application US/08396866 Patent No. 5661124
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Best Local Similarity
                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: Apple Macintosh
OPERATING SYSTEM: System 7.0.1
SOFTWARE: Microsoft Word 5.0a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/396,860
FILING DATE:
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION US/08/062,780
PRIOR APPLICATION NUMBER: US/08/062,780
APPLICATION NUMBER: US/08/062,780
APPLICATION NUMBER: J93
ATTORNEY/AGENT INFORMATION:
NAME: NO. 566114ak, Henry P.
REGISTRATION NUMBER: 33200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 303-541-3322
TELEPAX: 303-444-3013
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: unknown to applicant MOLECULE TYPE: Other nucleic acid DESCRIPTION: primer HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Hoffman, Stephen J.
APPLICANT: Nagai, Kiyoshi
TITLE OF INVENTION: Blood Substitutes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                C1...
STATE: ---
80301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: Hoffman REFERENCE/DOCKET NUMBER: 2A/CONT1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: singl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                          0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 2.1e+03;
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36
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                                                                                                                                                                                                                                                                                                            0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: unknown to applicant MOLECULE TYPE: Other nucleic acid DESCRIPTION: primer HYPOTHETICAL: no US-08-396-866-34
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EPILIOR DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US/08/062,780
PRIOR APPLICATION UMBER: US/08/062,780
PRIOR TO NUMBER: US/08/062,780
PRIOR TO NUMBER: US/08/062,780
PREFERENCE/DOCKET NUMBER: US/08/062,780
REFERENCE/DOCKET NUMBER: 2A/CONT1
TELECOMMUNICATION INFORMATION:
TELECHOMES: 303-641-3322
TELEFHONE: 303-644-3013
INFORMATION FOR SEQ ID NO: 34:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-363-240A-1112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 2939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1112, App
Patent No. 5705388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.1e+03; Matches 14; Conservative 0; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: .5797 Central Avenue CITY: Seulder STATE: Colorado ZIP: 80301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: Apple Macintosh
OPERATING SYSTEM: System 7.0.1
SOPTWARE: Microsoft Word 5.0a
CURRENT APPLICATION DATA:
                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: METHOD AND REAGENT FOR TITLE OF INVENTION: PREVENTION, INHIBITION FORESSION AND REGRESS TITLE OF INVENTION: OF VASCULAR DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Bisgaier, Cha
APPLICANT: Pape, Michael
                                                                                                                                                         ADDRESSEB: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Diskette, 3.50 inch,
                         COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C.
                                                                                                                    ZIP: 90071
                                                                                                                                       COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      7463 TGGCTTCTATTTCTA 7477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    16 TGGCTTCTGTTTCTA 2
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                                                                                                                                                                                                                                                                                                                                                                                     McSwiggen, James
Bisgaier, Charles
                                                                                                                                                                                                                                                                                                                                                                                                                            Couture, Larry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/08363240A
         Word Perfect 5.:
                                                                                                                                                                                                                                                                                           PREVENTION, INHIBITION OF PROGRESSION AND REGRESSION OF VASCULAR DISEASES
                                                                                                                                                                                                                                                                             1243
                             DOS 5.0
                                                                                  1.44 Mb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local :
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFOR APPLICANT:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: McSwiggen
APPLICANT: Blsgaier,
APPLICANT: Blsgaier,
APPLICANT: Pape, Mic
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                          FILING DATE: December 23, 1994 PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                              OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/363,240A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,;
PILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Log book
                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Match 0.2%;
Local Similarity 73.3%;
les 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                       ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Warburg, Richard REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION:
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Bisgaier, Charles
Pape, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Couture, Larry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              METHOD AND REAGENT FOR PREVENTION, INHIBITION OF PROGRESSION AND REGRESSION OF VASCULAR DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US/08/363,240A
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Pred. No. 2.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 18;
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RESULT 2941
US-08-435-634-1122/c
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US-08-363-240A-1223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1122, Application US/08435634 Patent No. 5731295
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                               FILING DATE: 05-MAY-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850

FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920

FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487

FILING DATE: No. 5731295ember 12, 1:
APPLICATION NUMBER: 07/989,848

FILING DATE: December 7, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS
SOFTWARE: FastERO Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
                                                                                                                                                                              NAME: Warburg, Richard REGISTRATION NUMBER: 32, REFERENCE/DOCKET NUMBER:
                                                                                                         TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      / Match 0.2%;
Local Similarity 93.3%;
Les 14; Conservative
STRANDEDNESS:
TOPOLOGY: lii
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                 LENGTH:
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           H: 18 base pairs
nucleic acid
DEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Los Angeles
: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                McSwiggen, James
Gustofson, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IBM P.C. DOS 5.0
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Pred. No. 2.1e+03;
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The total of the

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Patent No. 5885793
GENERAL INFORMATION:
APPLICANT: Griffithe, Andrew David
APPLICANT: Hoogenboom, Hendricus RJM
APPLICANT: Marks, James David
APPLICANT: Minter, Gregory Paul
APPLICANT: Winter, Gregory Walter
APPLICANT: Grigg, Geoffrey Walter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          문
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; MOLECULE TYPE: (); ANTI-SENSE: YES
US-08-627-254C-21
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                                                                                                                                                                                                                                   RESULT 2943
US-08-244-597-13
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                                          Sequence 13, Application US/08244597 Patent No. 5885793
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APPLICANT: Kniss,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (216) 241-0816 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: GOLTICK, MATY E
REGISTRATION UNMBER: 34,829
REFERENCE/DOCKET NUMBER: 18
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Calfee, Halter & Griwold LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
              APPLICANT: Winter, Gregory Paul
APPLICANT: Grigg, Geoffrey Walter
TITLE OF INVENTION: Production of anti-self antibodies from
TITLE OF INVENTION: antibody segment repertoires and display
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
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NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
CLASSIFICATION: 514
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                                                                                                                                                                                                                                                                                                                                                                                  0.2%; Score 13.4; DB 1; Length 18; Local Similarity 93.3%; Pred. No. 2.1e+03: es 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/627,254C
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VENTION: Elcosanoid Formation
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                                                                                                                                     Hendricus RJM
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Pred. No. 2.1e+03;
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                repertoires and displayed on phage
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Clough, David W
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 2811
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 13:
                                                   GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-1 EXPRESSION
FILE REFERENCE: RTS-0034
FULE REFERENCE: RTS-0034
CURRENT APPLICATION NUMBER: US/09/212,771
CURRENT FILING DATE: 1998-12-16
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 28
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.2
Best Local Similarity 93.3
Matches 14; Conservative
                                                                                                                                                                                                                                                       Sequence 28, Application US/09212771 Patent No. 5958773
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APPLICATION NUMBER: GB 9125579.4

PRICHER DATE: 02-DEC-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9125582.8

PRILING DATE: 02-DEC-1991

PRIOR APPLICATION DATA:

PRICH DATE: 24 MAR-1992

PRICH APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: GB 920
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA: PCT/GB
APPLICATION NUMBER: PCT/GB
FILING DATE: 23-SEP-1992
ATTORNEY/AGENT INFORMATION:
                    TYPE: DNA ORGANISM: Artificial Sequence
  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                               145 GGGTACCTAGGCCCC 159
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COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: PATEN: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,597
FILING DATE: 01-JUN-1994
CLASSIFICATION: 435
CLASSIFICATION: 435 ADDRESSEE: David W. Clough STREET: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 616300 Sears Tower, 233 South Wacker Drive 0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 2.1e+03; Mismatches Length 18; Indels 0 Gaps

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RESULT 2947
US-09-106-038A-45/c
; Sequence 45, Application US/09106038A
; Patent No. 6007995
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US-09-200-141-18
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US-09-205-860-75
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                                                                                                                                                                      Best Loc
Matches
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Patent No. 5981732
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
FILE REFERENCE: RTS-0031
CURRENT APPLICATION UMBER: US/09/205,860
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS:
SEQ ID NO 18
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 18, Application US/09200141 Patent No. 5985663
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 75
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                                                                                                                                                                                                     Query Match
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTIGENSE MODULATION OF Interleukin-15 EXPRESSION
FILE REFERENCE: RTS-0022
                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/200,141
CURRENT FILING DATE: 1998-11-25
                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                        FEATURE:
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                                                                                                                                                                                      Local
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ilarity 93.3%;
Conservative
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03
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                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 16, Application US/08945654
Patent No. 6071747
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                 TITLE OF INVENTION: IMMORTALIZED CEL:
TITLE OF INVENTION: ADIPOSE TISSUE,
TITLE OF INVENTION: THEREOF.
NUMBER OF SEQUENCES: 22
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, V
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: RTS-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (760) 931-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (760) 931-92
TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION: APPLICANT: Brenda
                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9:
FILING DATE: 25-APR-1995
INFORMATION FOR SEQ ID NO: 1:
                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: C
                                                                                                                                                               APPLICATION NUMBER: US/08/945,654 FILING DATE: CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity 93.3%; les 14; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Carlsbad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET:
               TYPE: nucleic acid
STRANDEDNESS: single
POPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1890 CAACCTCTGCCTCAA 1904
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       U.S.A.
linear
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                                                                                                                                                                                                                                                                                                                                                 IMMORTALIZED CELL LINES FROM HUMAN
ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS
THEREOF.
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Pred. No. 2.1e+03;
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                                                                                                                                                                                                                                          Version #1.30 (EPO)
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; OTHER INFORMATION: antisense sequence
US-09-166-186-169
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US-09-166-186-170/c
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                                                                                                                                  US-09-166-186-170
                                                                                                                                                                                                              APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Buther, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OP INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 170
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 169
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 14; Conserv
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 6080580
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 170, Application US/09166186A
                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF THF-a EXPRESSION
FILE REFERENCE: ISPH-0322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                  OTHER INFORMATION: antisense sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
DESCRIPTION:
                                                              y Match 0.2%; Score 13.4; DB 1; Local Similarity 93.3%; Pred. No. 2.1e+03; hes 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2041 ACAGCAGTGGTAGGC 2055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1502 AGGGTGTCTGGGACA 1516
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                             AGGGTGTCTGGGACA 1516
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Pred. No. 2.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 13.4; DB 1;
Pred. No. 2.1e+03;
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; ORANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-166-186-172/c
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                                                                                                                                                       US-09-289-466-84/C
                                                                                                                                                                            RESULT 2953
                                                                                 ; Sequence 84, Application US/09289466A; Patent No. 6124272; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 171, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Benett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 172
LENGTH: 18
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SEQ ID NO 171
LENGTH: 18
TYPE: DNA
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APPLICANT: Baker, Brenda
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                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                      Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.1e+03;
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CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
                APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
FILE REFERENCE: RTS-0060
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: antisense sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1502 AGGGTGTCTGGGACA 1516
                                                                                                                                                                                                                                                                         1502 AGGGTGTCTGGGACA 1516
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                                                                                                                                                                                                                                                                                                                                                                               Length 18;
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                                                                 Query Match
Best Local S
Matches 14
                                                                                                                                     TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
19-054-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No. 6127121
GENERAL INFORMATION:
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Best Local S
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SEQ ID NO 84
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                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 3446
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: Windows
SOFTWARE: FastSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Meyer, Rich
TITLE OF INVENTION: OLI
TITLE OF INVENTION: PYI
TITLE OF INVENTION: MIS
                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM CON
OPERATING SYSTEM:
SOFTWARE: FASTSEC
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: PALO ALTO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET:
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                                 121 GGGATCCCGAGCAGC 135
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                                                                                  Similarity
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GGGTTCCCGAGCAGC 18
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                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IBM Compatible
                                                                                93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OLIGONUCLEOTIDES CONTAINING PYRAZOLO[3,4-D] PYRIMIDINES MISMATCH DISCRIMINATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US/09/054,830
                                                                                                                                                                                                                                      18:
                                                                                                                                                                                                                                                                                                                         34469-20005.00
                                                                 0,
                                                               Score 13.4; DB 1;
Pred. No. 2.1e+03;
0; Mismatches 1
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                                                                                              Length 18;
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RESULT 2957
US-09-034-205-64/c
"~~mence 64. Application US/09034205
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US-09-487-444-36
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GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
FILE REFERENCE: RTS-0113
CURRENT APPLICATION NUMBER: US/09/487,444
CURRENT FILING DATE: 2000-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 89
SEQ ID NO 57
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 57, Application US/09474922A
Patent No. 6187586
GENERRAL INFORMATION:
APPLICANT: Lex M. Cowsert
APPLICANT: Richard A. Roth
TITLE OF INVENTION:
ANTISENSE MO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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SEQ ID NO 36
LENGTH: 18
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Patent No. 6159697
                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/474,922A CURRENT FILING DATE: 1999-12-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE:
                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
               APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                               3789 TTTCAAACATGACAA 3803
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                                                                                                                                                                                                                                                                                                                                            Score 13.4; DB 1;
Pred. No. 2.1e+03;
0; Mismatches 1;
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Pred. No. 2.1e+03;
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                                                                                                                      ; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER US-09-050-159-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: MacKnight, Kamrin T.

REGISTRATION NUMBER: 38,230

REFERENCE/DOCKET NUMBER: FORS-03268

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 705-8410

TELEPAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 64:

SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/09050159A
Patent No. 6197505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                       Query Match 0.2%;
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: No. 6197505berg, Leif T
APPLICANT: Andersson, Maria K
APPLICANT: Linstrom, Per H
                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Ploppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEB:
STREET: 220
CITY: San I
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/034,205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6948 TCCAAGAAAGGGAGG 6962
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                          CTTCTGAAGCAAGCA 7408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.2%; Score 13.4; DB 1; Length 18; 93.3%; Pred. No. 2.1e+03;
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                                                                         Score 13.4; DB 1; Length 18 Pred. No. 2.1e+03;
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                                                             Mismatches
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                                                            Indels
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Baker, Brenda

APPLICANT: Bennett, C. Frank

APPLICANT: Bennett, C. Frank

APPLICANT: Shanahan, William R.

ITITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: ISPH-0356

CURRENT APPLICATION NUMBER: US/09/313,932A

CURRENT FILING DATE: 1999-05-18

NUMBER OF SEQ ID NOS: 501

SEQ ID NO 169

LENGTH: 18

TYPE: TNNA

TYPE: TNNA

LENGTH: 18
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SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/09269345 Patent No. 6197545
                                                                                                                                                                                                                                                                                                    Sequence 169, Application US/09313932A Patent No. 6228642
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09, FILING DATE: 25 SEPT 1997 CLASSIFICATION: 435 ATTORNEY/AGENT INFORMATION: NAME: MILLER, MARY L.
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DDS/MS-DDS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: VANDERBILT UNIVERSITY APPLICANT: 305 Kirkland Hall APPLICANT: Nashville, TN 37240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: MILLER, MARY L.
REGISTRATION NUMBER: 39,303
REFERENCE/DOCKET NUMBER: 22
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: GENETICALLY ENGINEERED YEAST WITH
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      841 AAGATGATGCTCAAC 855
                                                                                                                                                                                                                                                                                                                                                                                                                                15 AAGATGATGATCAAC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              14; Conservative
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3: Georgia
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Suite 1200, 127 Peachtree Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   VANDERBILT UNIVERSITY 305 Kirkland Hall
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
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PATENT FILING DAYS

PATENT APPLICANT: BAKER, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DAYS: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 170
S
                                                                                                                                                                                  ; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-171
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US-09-313-932-170/c
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                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 171
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Benett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
                                                         Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.1e+03; Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 171, Application US/09313932A Patent No. 6228642
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Best Local Similarity 93.3%;
Matches 14; Conservative
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Best Local Similarity
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                           TYPE: DNA
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1502 AGGGTGTCTGGGACA 1516
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 13.4; DB 1;
Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1;
                                                                                                                  Length 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 18;
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                                                            Gaps
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US-09-677-218B-64/c
US-09-677-218B-64/c
; Sequence 64, Application US/09677218B
; Patent No. 6355437
; Patent No. ROSEMATION:
; GENERAL INFORMATION:
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US-09-313-932-172/c
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Matches
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CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 172, Application US/09313932A Patent No. 6228642
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APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
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                                                                                                                                                                                                                                        COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Vers
REPLICATION DATA:
APPLICATION UNMER: US/09/677,218B
FILING DATE: 02-Oct-2000
CLASSIFICATION: CUNKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         y Match 0.2%;
Local Similarity 93.3%;
                         APPLICATION NUMBER: 09/034,205
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESSE:
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Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
STRUCTURE-BRIDGING OLIGONUCLECTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
   TELEPHONE: (415) 705-8410
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Pred. No. 2.1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                        Version #1.30
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US-09-677-192-64/c
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US-09-431-385-18
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Best Local Similarity 93.3
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SOPTWARE: PatentIn Ver. 2
SEQ ID NO 64
LENGTH: 18
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APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 64, Application US/09677192
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                                                                                                                                                                                                                                                          Sequence 18, Application US/09431385 Patent No. 6485906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
TITLE OF INVENTION: OLIGONUCLEOTIDES
TILE REFERENCE: FORS-04708
CURRENT APPLICATION NUMBER: US/09/677,192
CURRENT FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 09/034,205
PRIOR APPLICATION NUMBER: 09/034,205
PRIOR PILING DATE: 1998-03-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No. 635869
                                                                                                             GENERAL INFORMATION:
APPLICANT: Meyer, Rich
TITLE OF INVENTION: OLIGONUCLECTIDES CONTAINING
TITLE OF INVENTION: PYRAZOLO[3,4-D] PYRIMIDINES FOR HYBRIDIZATION AND
TITLE OF INVENTION: MISMATCH DISCRIMINATION
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 64: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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                                                                           STREET:
                                                                         ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 64:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6948 TCCAAGAAAGGGAGG 6962
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94304-1018
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                  USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.2%; Score 13.4; DB 1; Length 18; 93.3%; Pred. No. 2.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 13.4; DB 1;
Pred. No. 2.1e+03;
0; Mismatches 1;
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                                                                                                                          US-09-319-588C-51
                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM
APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
APPLICANT: INSTITUT PASTEUR
APPLICANT: MAUCLERE, Philippe
APPLICANT: LOUSSERT-AJAKA, IDtissam
APPLICANT: SIMON, Francois
APPLICANT: SARAGOSTI, Sentob
APPLICANT: SARAGOSTI, Sentob
APPLICANT: BARRE-SINOUSSI, Francoise
                                                                                                                                                                            SOFTWARE: PatentIn Ver. 2.1
SEO ID NO 51
ENGTH: 18
TYPE: DNA
ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 51, nyr-
                                            Matches
                                                           Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: 706141
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIPICATION: 435
PRIOR APPLICATION NUMBER: 09/054,83
APPLICATION NUMBER: 09/054,83
PILING DATE: 1998-APP-03
ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 3446
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                            FILE REFERENCE: 598US12
CURRENT APPLICATION NUMBER: US/09/319,588C
CURRENT FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: FR96/15087
PRIOR FILING DATE: 1996-12-09
PRIOR FILING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 98
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: SARAGOSTI, Sentob
APPLICANT: BARRE-SINOUSSI, Françoise
TITLE OF INVENTION: NON-M NON-O HIV STRAINS,
                                                                                                                                      FEATURE:
OTHER INFORMATION: primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PASTSEQ for Windows Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/431,385 FILING DATE: 1999-NOV-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM Compatible OPERATING SYSTEM: Windows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX:
1108 GGACAGACTGTGGAG 1122
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                                            14;
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                                          Conservative
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Pred. No. 2.1e+03;
0; Mismatches 1
                                              Mismatches
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                                                                                   Length 18;
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                                              Indels
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RESULT 2970
US-09-197-224-13
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US-09-216-393B-314
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US-09-319-588C-80
                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic Primer US-09-216-393B-314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: primer US-09-319-588C-80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: MILHAUSEN, MICHAEL JAMES
APPLICANT: MILHAUSEN, MICHAEL JAMES
TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES, AND USES THER
FILE REFERENCE: TX-1-C2
CURRENT APPLICATION NUMBER: US/09/216,393B
CURRENT FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: 08/994,825
PRIOR PILING DATE: 1997-12-19
                                                                                                                                                                          Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                 SOPTWARE: PatentIn version 3.1 SEQ ID NO 314 LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 314, Application US/09216393B Patent No. 6514694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.2%;
Best Local Similarity 93.3%;
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 80 (corresponds to SK 68.2 env of Figure 1)
LENGTH: 18
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PRIOR APPLICATION NUMBER: FR96/15087
PRIOR FILING DATE: 1996-12-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS APPLICANT: INSTITUT PASTEUR APPLICANT: MAUCLERE, Philippe APPLICANT: LOUSSERT-AJAKA, Ibtissam
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 598US12
CURRENT APPLICATION NUMBER: US/09/319,588C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SIMON, Prancois
APPLICANT: SARAGOSTI, Sentob
APPLICANT: BARRE-SIMOUSSI, Francoise
APPLICANT: BARRE-SIMOUSSI, Francoise
TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 366
                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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MAUCLERE, Philippe
LOUSSERT-AJAKA, Ibtissam
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
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TOPOLOGY: US-09-197-224-13
                                                                                         Matches
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/244,597
FILING DATE: 01-JUN-1994
APPLICATION NUMBER: GB 9125579.4
FILING DATE: 02-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 02-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206372.6
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206372.6
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CIASCETE TABLE TO COMPATION DATE: US/09/197,224

CURRENT APPLICATION DATE: US/09/197,224

FILING DATE: CIASCETE TABLE TO COMPATE: US/09/197,224
                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/GB92/01755
FILING DATE: 23-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28111/3209
                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: David W. Clough
STREET: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Marks, James David
APPLICANT: McCafferty, John
APPLICANT: Winter, Gregory Paul
APPLICANT: Grigg, Geoffrey Walter
TITLE OF INVENTION: Production of anti-self antibodies from
TITLE OF INVENTION: antibody segment repertoires and displayed on phage
                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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                                                                                                            Local Similarity
                                                                                                                                                                                                                           LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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STATE: Illinois
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                                                                                    0.2%; Score 13.4; DB 1; ilarity 93.3%; Pred. No. 2.1e+03; Conservative 0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                 312-474-6300
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                                                                                                                                    Length 18;
                                                                                           Indels
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US-09-422-978-6008 ; Sequence 6008, Application US/09422978 ; Patent No. 6537751

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RESULT 2971

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EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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Sequence 7515, Application US/09422978
Patent No. 6537751
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APPLICANT: Cohen, Daniel
APPLICANT: Elumenfeld, Marta
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7515
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                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CF1
CURRENT FILING DATE: 1999-10-20
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                              EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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                                                                                                                                                                            FEATURE: Primer_bind NAME/KEY: primer_bind LOCATION: 1..18 _ OTHER INFORMATION: upstream amplification primer 99-6574 for SEQ 3581.
                                                                                                                                                                                                                                                            ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: upstream amplification primer 99-8367 for SEQ
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LOCATION: 1..18
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                                     5732
                                                                                                                                                                                                                                                                            DNA
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  GCTTTCTTTCCCTTT 2
                                       GCTTCCTTTCCCTTT 5746
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                                                                             Conservative
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Pred. No. 2.
                                                                                                Score 13.4; DB 1;
Pred. No. 2.1e+03;
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RESULT 2973

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TTTAAGGTCTCCTTC 15

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APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/092,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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S
                                                                                                                   ORGANISM: Homo Sapiens
FEATURE:
FEATURE:
LOCATION: 1..18
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-20423 for SEQ 1094, in comple US-09-422-978-8959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 2974
US-09-422-978-8959
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                                                                                                                                                                                                                                                                                   SEQ ID NO 8959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No. 6537751 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 8959, Application US/09422978 Patent No. 6537751
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                                                            Query Match
Best Local
                                             Matches
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                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                            LENGTH: 18
TYPE: DNA
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NAME/KEY: primer_bind
LOCATION: 1..18
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TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: upstream amplification primer 99-6603 for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local
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      TTTAAGGTCTCCATC 603
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                                                              93.3%;
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Pred. No. 2.1e
0; Mismatches
                                             <u>.</u>
                                                                Score 13.4; DB 1;
Pred. No. 2.1e+03;
                                             Mismatches
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                                                                                    DB 1;
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; FEATURE:
, NAME/KEY: primer bind
; LOCATION: 1..18 -
; OTHER INFORMATION: downstream amplification primer
US-09-422-978-11146
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                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 11146, Application US/09422978 Patent No. 6537751
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  Matches
                 Query Match
Best Local S
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Illelic markers for use in constructing a high density...
FILE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-2275 for SEQ 1314, in compleme
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                   ORGANISM: Homo Sapiens
                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
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  l Similarity
14; Conserv
    Conservative
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                   0.2%;
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Score 13.4; DB 1; Length 18; Pred. No. 2.1e+03; Indels
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RESULT 2978
US-09-197-221-13
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US-09-230-652-67
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CURRENT APPLICATION NUMBER: US/09/230,652A
CURRENT FILING DATE: 1999-05-17
EARLIER APPLICATION NUMBER: FR 96 09733
EARLIER FILING DATE: 1996-08-01
EARLIER APPLICATION NUMBER: FR 97 04680
EARLIER APPLICATION NUMBER: PCT/FR97/01433
EARLIER APPLICATION NUMBER: PCT/FR97/01433
EARLIER FILING DATE: 1997-07-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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APPLICANT: Griffith
APPLICANT: Hoogenbo
APPLICANT: Marks,
APPLICANT: McCaffes
APPLICANT: Winter,
APPLICANT: Grigg,
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SEQ ID NO 67
LENGTH: 18
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APPLICANT: TOURNIET-LASSERVE, Elisabeth
APPLICANT: JOUEL, Anne
APPLICANT: BOUSSER, Marie-Germaine
APPLICANT: BBCh, Jean-Francois
TITLE OF INVENTION: GENE INVOLVED IN CADASIL,
TITLE OF INVENTION: THERAPPEUTIC APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
ZIP: 60606-6402
COMPUTER READABLE FORM:
COMPUTER: Floppy disk
CCMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Va
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/197,221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                                                                                                                                                                                                                                                                                  APPLICANT: Winter, Gregory Paul
APPLICANT: Grigg, Geoffrey Walter
TITLE OF INVENTION: Production of anti-self antibodies from
TITLE OF INVENTION: antibody segment repertoires and displayed on phage
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                 STREET: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                        CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                             ADDRESSEE: David W. Clough
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                                                                                                                                                                                                                                                                                                                                                                                                                          Marks, James David
McCafferty, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Hoogenboom,
                                                                                                                                                                         USA
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Pred. No. 2.1e+03
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                                             Version #1.25 (EPO)
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                                                                                ; TYPE: DNA; ORGANISM: oligonucleotide CDRFOR US-09-572-392A-13
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PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: GB 9125582.8
PILING DATE: 02-DEC-1991
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: GB 9206318.9
APPLICATION NUMBER: GB 9206318.9
APPLICATION DATE: 24-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/244,597
PILING DATE: 01-JUN-1994
APPLICATION NUMBER: GB 9125579.4
APPLICATION DATE: 02-DEC-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 65553
Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.1e+03; Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                            SOFTWARE: PatentIn version 3.0 SEQ ID NO 13
                                                                                                                                                                                                                    APPLICANT: Marks, James
APPLICANT: McCafferty, John
APPLICANT: Winter, Gregory
APPLICANT: Grigg, Geoffrey
TITLE OF INVENTION: Production of Anti-Self Antibodies from Antibody Segment Repertoi
TITLE OF INVENTION: and Displayed on Phage
FILE REFERENCE: 28111/32094A4
CURRENT APPLICATION NUMBER: US/09/572,392A
CURRENT FILING DATE: 2000-05-16
PRIOR APPLICATION NUMBER: US 09/197,224
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1998-11-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Griffiths, Andrew APPLICANT: Hoogenboom, Hend
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 21
                                                                                                                                           LENGTH: 18
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STRANDEDNESS: single
TOPOLOGY: linear
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APPLICATION NUMBER: PCT/GB92/01755
FILING DATE: 23-SEP-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Clough, David W
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 24-MAI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     145 GGGTACCTAGGCCCC 159
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Pred. No. 2.1e+03;
0; Mismatches 1;
                                        Length 18;
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    Indels
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LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-723-756-13
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US-09-723-756-13
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Patent No. 6582915
GENERAL INFORMATION:
Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.1e+03; Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: GB 9125582.8
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 02-DEC-1991
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
APPLICATION NUMBER: GB 9206372.6
FILING DATE: 24-MAR-1992
APPLICATION NUMBER: PCT/GB92/01755
FILING DATE: 23-SEP-1992
APPLICATION NUMBER: PCT/GB92/02240
FILING DATE: 02-DEC-1992
APPLICATION NUMBER: US 08/244,597
FILING DATE: 26-OCT-1994
APPLICATION NUMBER: US 09/197,224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 6060-6402
ZIP: 6060-6402
COMPUTER READMARLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Griffiths, Andrew David
Hoogenboom, Hendricus Romarks, James David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Production of anti-self antibodies from
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
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STREET: Marshall, O'Toole, Gerstein, Murray & Borun
6300 Sears Tower, 233 South Macker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GGGTACCTTGGCCCC 17
                                                                                                                                                                                                                                                                                                                                                                             NAME: Clough, David W
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/723,756 FILING DATE: 28-NO. 6582915-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: GB 9125579.4 FILING DATE: 02-DEC-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: <Unknown>
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Grigg, Geoffrey Walter
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                                                           Length 18;
     Indels
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        Gaps
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; SOFTWARE: PatentIn Ver.
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-710-693-13
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PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1992-0
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1992-0
PRIOR FILING DATE: 1992-0
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                                                            Query Match 0.3
Best Local Similarity 93.3
Matches .14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE:
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 13, Appli
Patent No. 6642370
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Best Local (
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APPLICANT:
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APPLICANT: Grif
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: WISE, CAROL A
TITLE OF INVENTION: GENERIC MARKER FOR AUTOIMMUNE DISORDER
FILE REFERENCE: SEQ FOR TEX871
CURRENT APPLICATION NUMBER: US/09/710,693
CURRENT FILING DATE: 2000-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Production of Anti-Self Antibodies from Antibody Segment Repert TITLE OF INVENTION: Displayed on Phage FILE REFERENCE: 28111/32094D CURRENT APPLICATION NUMBER: US/09/532,840 CURRENT FILING DATE: 2000-03-21 PRIOR APPLICATION NUMBER: US 08/244,597 PRIOR PILING DATE: 1994-06-01 PRIOR APPLICATION NUMBER: US 08/244,597 PRIOR FILING DATE: 1994-06-01 PRIOR APPLICATION NUMBER: US 08/244,597 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1991-PRIOR APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: oligonucleotide CDRFOR
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2958 ACAGACCACCAGCCA 2972
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Similarity 93.3%; Pred. No. 2.1e+03;
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Grigg, Geoffrey
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McCafferty, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PatentIn version 3.0
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MBER: GB 9206372.6
1992-03-24
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MBER: GB 9206318.9
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                                                                                          Score 13.4; DB 1;
Pred. No. 2.1e+03;
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                                                               Mismatches
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RESULT 2983
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PCT-US91-03056-10/c
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COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03056
FILLING DATE: 19910718
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/514,202
FILLING DATE: 14-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Amzel Ph.D., Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: U-0125.02
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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Best Local Similarity 93.3%;
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GENERAL INFORMATION
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INFORMATION FOR SEQ ID NO:
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TITLE OF INVENTION: SPEC
TITLE OF INVENTION: SEQU
TITLE OF INVENTION: SEQU
TITLE OF INVENTION: SEQU
TITLE OF INVENTION: SEQU
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
                                                                                                            APPLICANT: Vakharia, Vikram TITLE OF INVENTION: SPECIFIC TITLE OF INVENTION: ASSOCIATIONING OF INVENTION: SEQUENCE TITLE OF INVENTION: SEQUENCE
            NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Viviana Amzel, Ph.D.
STREET: 112 East Pecan, 2000 NBC Bank Plaza
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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CITY: S
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STREET: 112 East Pecan, 2000 NBC Bank Plaza
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San Antonio
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                                                                                                            SPECIFIC DNA AND RNA SEQUENCES
ASSOCIATED WITH US IBDV VARIANTS, VECTOR CARRYING DNA
SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO
SEQUENCES, VACCINE AND METHOD OF VACCINATION
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ASSOCIATED WITH US IBDV VARLANTS, VECTOR CARRYING DNA
SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO
SEQUENCES, VACCINE AND METHOD OF VACCINATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 13.4; DB 1; Length 18; Pred. No. 2.1e+03; O; Mismatches 1; Indels
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION UMBER: PCT/US91/03056

FILING DATE: 19910718

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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FILING DATE: 14-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Amzel Ph.D., Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: U-0125.02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/554-5325
              CLASSIFICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REFERENCE/DOCKET NUMBER: 8873
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                       ZIP: 07110-1199
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Apple, Raymond J.
APPLICANT: Bugawan, Teodorica L.
APPLICANT: Britch, Henry A.
TITLE OF INVENTION: Methods and Reagents for HLA Class I A
TITLE OF INVENTION: Locus DNA Typing
                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                 STREET: Nutley
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TELEFAX: 762609
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ZIP: 782
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: both
                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A
                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEB:
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                                                                                                                                                                                                                                                                                                                                                                                        340 Kingsland Street
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(510) 814-2977
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                                                                                                                                                                        US/08/127,954
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Pred. No. 2.1e+03;
0; Mismatches 1;
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                                                                        ; MOLECULE TYPE: DNA (genomic) US-08-255-892-66
                                                                                                                                                                                                                                                                                         PILING DATE:
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 07/834,543
PILING DATE: 11-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: DEAVER, DONALD B.
NAME: DEAVER, DONALD B.
1032/9410
Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.3e+03; Matches 14; Conservative 0; Mismatches 1
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 66,
                                                                                                                                                                                                  TELEFAX: 202-822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                   NAME: DEAVEK, LUNCH 23,048
REGISTRATION NUMBER: 23,048
REFERENCE/DOCKET NUMBER: 1032
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEPHONE: 202-861-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/255 000
FILING DATE:
CLASSIETTON
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LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: MABILAT, CLAUDE APPLICANT: MANDRAID, BERNARD TITLE OF INVENTION: PROCEDURIC TITLE OF INVENTION: TECHNIQUITIES OF INVENTION: TECHNIQUITIES OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
STREET: 1100 NEW YORK AVENUE, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 1100 NEW CITY: WASHINGTON
                                                                                                          LENGTH: 19 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 20005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5038 CACTGGAGAGCCTAC 5052
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PROCEDURE FOR DETECTION OF A NUCLEOTIDE SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION TECHNIQUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.2%; Score 13.4;
93.3%; Pred. No. 2.
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                                     Length 19;
       Indels
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RESULT 2987
US-08-257-073-106/c
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                 Sequence 124, Application US/08184009
PATENT NO. 5833975
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2570
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEPHONE: (212) 840-0712
TELEPAX: (212) 840-0712
TELEPAX: 425066 CURTMS
INFORMATION FOR SEQ ID NO: 106:
SEQUENCE CHARACTERISTICS:
LENUTH: 10 5550
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                                                                                                                                                                                                                                                                                                              Matches
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Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Paoletti, Enzo
APPLICANT: de Taisne, Charles
APPLICANT: die, John A.
TITLE OF INVENTION: MALARIA RECOMBINANT POXVIRUS VACCINE
NUMBER OF SEQUENCES: 143
CORRESPONDERICE ADDRESS:
ADDRESSE: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue, 25th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 07/672,183 FILING DATE: 20-MAR-1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 11-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07
FILING DATE: 18 MAR-1992
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APPLICATION NUMBER: US 08/075,783
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/0 FILING DATE: 09-JUN-1994 CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: New York
                                                                                                                                                                                                                                                    414 AGTCAACCGGGAAGT 428
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Pred. No. 2.
                                                                                                                                                                                                                                                                                                              Mismatches
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RESULT 2989
US-08-389-360-7
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TELEPAX: (212) 840-0712
TELEX: 425066CURTMS
INFORMATION FOR SEQ ID NO: 17
SEQUENCE CHARACTERISTICS:
1.ENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 7, Application US/08389360 Patent No. 5877017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: van de
                                                                                                        TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
THE OF SEQUENCES:
                                                              COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/389,360
FILING DATE: Herewith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 19-JAN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2530
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 10036
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/184,009
APPLICATION NUMBER: US/08/184,009
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/196,630
FILING DATE: February 15, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: cDNA
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ADDRESSEE: Curtis, Morris & Safford
STREET: 530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                              ADDRESSEE:
STREET: 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.2%; Score 13.4; DB 1; Length 19; Local Similarity 93.3%; Bred. No. 2.3e+03; les 14; Conservative 0; Mismatcher
                                                                                                                                                                                                                                                         CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                               805 Third Avenue
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                                                                                                                                                                                                                                                                                                                 Felfe & Lynch
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US-08-458-356-124/c
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); MOLECULE TYPE:
US-08-458-356-124
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (212) 838-3884 INFORMATION FOR SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                             TELEX: 425066CURTMS
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Pasqualini, Patricia A.
REGISTRATION NUMBER: 34,894
REFERENCE/DOCKET NUMBER: LUD 5310.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 08/184,009 FILING DATE: 19-JAN-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
NUMBER OF SEQUENCES: 217
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                             NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 455
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/458,356 FILING DATE: 02-JUN-1995 CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: New York STATE: NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 10036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                  TOPOLOGY:
                                                   STRANDEDNESS:
                                                                                                                                                           TELEFAX:
                                                                                                                                                                            TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4392 CCTATTGCTTCTGTT 4406
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                                                                  nucleic acid
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530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                                                                                (212) 840-0712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
                                     linear
                                                                                                                                                                               (212) 840-3333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   June 17, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            single
                                                 single
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                                                                                                                                                                                                                   454310-2530
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Pred. No. 2.3e+03;
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Query Match

0.2%;

Score 13.4;

DB 1;

Length 19;

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RESULT 2991
US-09-038-328-7
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                                                                                                                                         RESULT 2992
                                                                                                                       US-09-092-077-15
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                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 7, Application US/09038328 Patent No. 6110694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                  Sequence 15, Applicat Patent No. 6194142 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: van de
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/079,110

FILING DATE: June 17, 1993

ATTORNEY/AGENT INFORMATION:

NAME: PASQUALINI, PALTICIA A.

REGISTRATION NUMBER: 34,894

REFERENCE/DOCKET NUMBER: LUD 53

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 688-2200
                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 805 ....
STREET: New York
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: van der Bruggen et al.
TITLE OF INVENTION: ISOLATED PEPTIDE WHICH FORMS COMPLEXES
TITLE OF INVENTION: WITH MHC MOLECULE HLA-Cw*1601 AND USES
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 incl
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
APPLICANT: Moncany, Maurice
APPLICANT: Montagnier, Luc
TITLE OF INVENTION: Nucleotide Sequences Derived From The
TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/038,328 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .414 AGTCAACCGGGAAGT 428
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                                                                                                                                                                                                                                                                                 Local
                                                                                                                                                                                                                   4392 CCTATTGCTTCTGTT 4406
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                                                                                                                                                                                               4 CCTATTGCTCCTGTT 18
                                                                                                                                                                                                                                                                                h 0.2%;
Similarity 93.3%;
                                                                                                      Application US/09092077
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0; Mismatches 1
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-092-077-15
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US-09-183-931-16
GENERAL INFORMATION:

APPLICANT: Van Baren, Nicolas

APPLICANT: Brasseur, Francis

APPLICANT: Brasseur, Trancis

APPLICANT: Brasseur, Trancis

APPLICANT: Brasseur, Thierry

TITLE OF INVENTION: METHOD FOR DIAGNOSING LEUKEMIA BY DETERMINING

TITLE OF INVENTION: TUMOR REJECTION ANTIGEN PRECURSORS

FILE REPERENCE: LUD 5527.1-JEL/ES

CURRENT APPLICATION NUMBER: US/09/183,931C

CURRENT FILING DATE: 2000-02-28

EARLIER APPLICATION NUMBER: US 09/018,422

EARLIER FILING DATE: 1998 - 02 - 04
                                                                                                                                                                                                                                                     Sequence 16, Appli
Patent No. 6210886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 0235
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)408-4400
TELEFAX: (202)408-4400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/472,928
APPLICATION NUMBER: US 08/160,465
APPLICATION NUMBER: US 08/160,465
PILLING DATE: 02-DEC-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/092,077
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 06-FEB-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Finnegan, Henderson, Farabow, ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FR 8907354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FR 8912371
FILING DATE: 20-SEP-1989
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 20005-3315
                                                                                                                                                                                                                                                                                                                                                                                                                                 5532 CTGTTTGAAAGGTGG 5546
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                                                                                                                                                                                                                                                                                                                                                                                       CTGTTGGAAAGGTGG 19
                                                                                                                                                                                                                                                                          Application US/09183931C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                93.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     68
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 13.4; DB 1;
Pred. No. 2.3e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1; Length 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Garrett &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0;
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; ORGANISM: Artificial sequence; PEATURE; NAME/KEY: PCR primer; OTHER INFORMATION: Synthesized by oligonucleotide synthesis US-09-183-931-16
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                                                                                                                            ; TOPOLOGY: linear; MOLECULE TYPE: CDNA
US-08-460-736-124
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                                                           Query Match
Best Local S
Matches 14
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Best Local Similarity
Matches 14; Conserv
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LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 124, Application US/08460736 Patent No. 6265189
                                                                                                                                                                                                                    TELEX: 425066CURTMS
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/460,736
FILING DATE: 02-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/184,009
APPLICATION NUMBER: US 08/184,009
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET:
CITY: N
STATE:
                                                                                                                                                                                                                                                                     TELEFAX:
                                                                                                                                                          TYPE: nucleic acid STRANDEDNESS: sing TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                 NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2530
                                                                          Match 0.2%;
Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
                                                                                                                                                                                                          LENGTH:
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                     414 AGTCAACCGGGAAGT 428
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                                                                                                                                                                                                       19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            530 Fifth Avenue
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                                                               Conservative
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                                                             Score 13.4; DB 1; Pred. No. 2.3e+03; 0; Mismatches 1;
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Pred. No. 2.
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.3e+03;
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                                                               Indels
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                                                               0;
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                                                               0;
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APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Hya, Chumekov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET, 018CP1
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-338-907-464/c
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CURRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-29
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
                                                                                            US-09-218-207-464
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Matches
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SEQ ID NO 464
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 464, Application US/09218207
Patent No. 6346381
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 464,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 626554
                                                                                                                                                                                                                                                  SEQ ID NO 464
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: potential microsequencing oligo for 4-86-206.mis1-09-338-907-464
                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 578
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Homo Sapiens
                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PEATURE:
NAME/KEY: misc_feature
LOCATION: 1..19
                                                                                                                                   NAME/KEY: misc_feature
LOCATION: 1..19
                                                                                                                                                                                 FEATURE:
                                                                                                              OTHER INFORMATION: potential microsequencing oligo for 4-86-206.misl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                y Match 0.2%;
Local Similarity 93.3%;
nes 14; Conservative (
y Match 0.2%; Score 13.4; DB 1; Local Similarity 93.3%; Pred. No. 2.3e+03; hes 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  7323 TGTGTCCTGCTTTGA 7337
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                                                Length 19;
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         Gaps
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; ORGANISM: Artificial sequence
; PEATURE: PCR primer
; OTHER INFORMATION: Synthesized by oligonucleotide synthesis machine
US-09-705-160-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 2997
US-09-705-160-16
          S
                                                                                                                                 ; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19 _
; OTHER INFORMATION: microsequencing oligo
US-09-345-882-106
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                                                                                                                                                                                                                                                                                                                                                     PACENT NO. 639373

GENERAL INFORMATION:

APPLICANT: BOUGUELETE, LYGIE

APPLICANT: BOUGUELETE, LYGIE

APPLICANT: BOUGUELETE, LYGIE

TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.

TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.

FILE REFERENCE: GENSET.031A

CURRENT APPLICATION NUMBER: US/09/345,882

CURRENT FILING DATE: 1999-06-30

PRIOR APPLICATION NUMBER: US 60/091,315

PRIOR APPLICATION NUMBER: US 60/111,909

PRIOR APPLICATION NUMBER: US 60/111,909

PRIOR FILING DATE: 1998-12-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Brasecur, Francis
APPLICANT: Brasecur, Trinerry
APPLICANT: Bron-Falleur, Thierry
TITLE OF INVENTION: METHOD FOR DIAGNOSING LEUKEMIA BY DETERMINING
TITLE OF INVENTION: TUMOR REJECTION ANTIGEN PRECURSORS
FILE REFERENCE: LUD 5527.3-JEL/MAS
CURRENT PELLOATION NUMBER: US/09/705,160
CURRENT PELLOATION NUMBER: US/09/705,160
CURRENT PILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: US 09/183,931
PRIOR FILING DATE: 1998 - 10 - 30
NUMBER OF SEQ ID NOS: 44

SEQ ID NO 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Van Baren,
                                                                                                                                                                                                                                                                             SEQ ID NO 106
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 106, Application US/09345882 Patent No. 6399373
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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                                                     Matches
                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patent.pm
                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 140
                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH: 19
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Local Similarity 93.3%;
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4941 CCTCCTTTACTTTTT 4955
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                                                     Conservative
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                                                                        0.2%;
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Pred. No. 2.3e+03;
0; Mismatches 1;
                                                                        Score 13.4; DB 1;
Pred. No. 2.3e+03;
                                                         Mismatches
                                                                                                                                                          for 5-130-257.misl
                                                                                             DB 1;
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US-09-435-524-7
US-09-435-524-7
; Sequence 7, Application US/09435524
; Patent No. 6465184
; Patent INFORMATION:
    GENERAL INFORMATION:
    TITLE OF INVENTION: ISOLATED PEPTIDE WHICH FORMS COMPLEXES
; TITLE OF INVENTION: ISOLATED PEPTIDE WHICH FORMS COMPLEXES
; TITLE OF INVENTION: OF INVENTION: USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Oligonucleotide primer US-09-662-402A-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 2999
US-09-662-402A-34
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APPLICANT: Wessler, Susan R

APPLICANT: Casa, Alexandra M

TITLE OF INVENTION: MINIATURE INVERTED REPEAT TRANSPOSABLE ELEMENTS AND

TITLE OF INVENTION: METHODS OF USE

FILE REFERENCE: 235.00230101

CURRENT APPLICATION NUMBER: US/09/662,402A

CURRENT FILING DATE: 2000-09-14

PRIOR APPLICATION NUMBER: 60/153,812

PRIOR PILING DATE: 1999-09-14

NUMBER OF SEQ ID NOS: 40

CORTURNE DESCRIPTION OF SEQ ID NOS: 40
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Best Local Similarity
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: 08/079,110
PILING DATE: June 17, 1993
ATTORNEY/AGENT INFORMATION:
NAME: PASQUALINI, PALTICIA A.
REGISTRATION NUMBER: 34,894
REFERENCE/DOCKET NUMBER: LUD 5310.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
                                                                                                                                                                                                                                                        COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/435,524
FILING DATE: 08-No. 6465184-1999
CLASSIFICATION: Unknown>
                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/038,328
FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               422 GGGAAGTGGTGGAAT 436
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           14;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 805 Third Avenue CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Felfe & Lynch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/09662402A
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RESULT 3001
US-09-535-370-124/c
US-09-535-370-124/c
US-09-535-370-124/c
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MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 124:
US-09-535-370-124
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GENERAL INFORMATION:
                                                                   Matches
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                                                                                 Query Match
Best Local Similarity
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Best Local :
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                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 124:
                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/09/535,370
APPLICATION UNMBER: US/09/535,370
CLASSIFICATION: 24-Mar-2000
CLASSIFICATION DATA:
APPLICATION UNMBER: 08/460,736
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REGISTRATION NUMBER: 25,506
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 454310-2530 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
STREET: 530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COX, William I.
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
NUMBER OF SEQUENCES: 217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4392 CCTATTGCTTCTGTT 4406
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                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
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                               414 AGTCAACCGGGAAGT 428
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                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                         TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 10036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
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                                                                 Conservative
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                                                                                 0.2%;
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                                                                   <u>,</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              <u>,</u>
                                                                 Score 13.4; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 1;
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Pred. No. 2.3e+03;
0; Mismatches 1;
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                                                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Cohen, Daniel
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumenkov, 11ya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
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                                                                                                                                         US-09-422-978-4225
                                                                                                                                                                                                                                                                                               EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4225
LENGTH: 19
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Patent No. 6537751
GENERAL INFORMATION:
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APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-14-21
                                             Matches
                                                                      Best
                                                                                         Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                          NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-1404 for SEQ 291,
                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: upstream amplification primer 99-13854 for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: primer_bind LOCATION: 1..19
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Local Similarity 93.3%;
nes 14; Conservative
                                                                   Local Similarity
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  4012 AAAATGAGAAAAAAA 4026
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                                             Conservative
                                                                   0.2%;
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Pred. No. 2.3e+03
0; Mismatches
                                                                   Score 13.4; DB 1;
Pred. No. 2.3e+03;
                                                  Mismatches
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                                                                                         Length 19;
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US-09-422-978-4463
                                                                 ; FEATURE:

, NAME/KEY: primer bind

, LOCATION: 1..19 -

, OTHER INFORMATION: upstream amplification

US-09-422-978-4923
                                                                                                                                                                                                                                                                            APPLICANT: Cohen, Daniel
APPLICANT: Chumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumenkov, Ilya
ITILE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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US-09-422-978-4923
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Patent No. 6537751

GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya

ITILE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT APPLICATION NUMBER: US/09/298,850

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILLING DATE: 1999-04-21

EARLIER FILLING DATE: 1998-11-23

EARLIER FILLING DATE: 1998-11-23

EARLIER FILLING DATE: 1998-11-23
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SEQ ID NO 4463
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                                                                                                                                                                                                                                                    SEQ ID NO 4923
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Best Local Similarity
                     Query Match
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EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-15129 for SEQ 529,
                                                                                                                                                                                       ORGANISM: Homo Sapiens
                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                   LENGTH: 19
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Local Similarity 93.3%;
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  93.3%;
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Pred. No. 2.3e+03;
Score 13.4; DB 1;
Pred. No. 2.3e+03;
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                                                                                            primer 99-18721 for SEQ 989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         in constructing
                        Length 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 19
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; NAME/KEY: primer bind
; LOCATION: 1..19
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-7868 for SEQ 1994,
US-09-422-978-5928
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                밁
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US-09-422-978-5928
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SEQ ID NO 5928
TRNGTH: 19
                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.0220CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-01-23
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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Best Local
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                                                                                                                                                             SEQ ID NO 6997
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TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER FILING DATE: 1998-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER FILING DATE: 1998-11-23

EARLIER FILING DATE: 1998-04-21

EARLIER FILING DATE: 1998-04-21
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 11796
                           NAME/KEY: primer_bind LOCATION: 1..19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Homo Sapiens
                                                                       FEATURE:
                                                                                          ORGANISM: Homo Sapiens
OTHER INFORMATION: upstream amplification primer 99-21948 for SEQ 3063
                                                                                                                                        LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         / Match 0.2%;
Local Similarity 93.3%;
nes 14; Conservative
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Pred. No. 2.3e+03
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Sequence 8930, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
ITILE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENNET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER PILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
INUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Cohen, Daniel
APPLICANT: Chema, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Bhallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-10-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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US-09-422-978-8611
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Best Local Similarity
Matches 14; Conserv
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Matches
                                                                                                  SEQ ID NO 8930
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LZNGTH: 19
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Patent No. 653775
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: downstream amplification primer 99-17001
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LOCATION: 1..19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo Sapiens FEATURE:
NAME/KEY: primer_bind
                       FEATURE:
                                       TYPE: DNA
ORGANISM: Homo Sapiens
                                                                               ENGTH: 19
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nes 14; Conserv
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llarity 93.3%;
Conservative (
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Pred. No. 2.3e+03;
D; Mismatches 1;
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Pred. No. 2.3e+03;
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; OTHER INFORMATION: downstream amplification primer 99-2012 for SEQ 1065, US-09-422-978-8930
                                                 APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICATION: Biallelic markers for use in
FILE OF INVENTION: Biallelic markers for use in
FILE OPPLICATION NUMBER: US/09/422,978
CURRENT APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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US-09-422-978-10908
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SEQ ID NO 9853
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Best Local :
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SEQ ID NO 10908
LENGTH: 19
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CURRENT FILING DATE: 1999-10-20
CARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OP INVENTION: Biallelic markers for use in constructing a high density...
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                                       NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-7792 for SEQ 1988, in complem
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ORGANISM: Homo Sapiens
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Local Similarity 93.3%;
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Pred. No. 2.
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Pred. No. 2.3e+03;
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                                                                                                                  US-09-382-497-7
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                                                       Matches
                                                                                 Query Match
                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/
PILING DATE
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/389
PILING DATE:
PRIOR APPLICATION DATA:
APPLICATION UMBER: 08/079
APPLICATION UMBER: 17, 1993
APPLICATION TONEWATION:
ANDER OF THE ORNATION:
ANDER OF THE ORNATION:
                                                                                                                                                                                                       TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO:
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APPLICANT: van de
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NAME/KEY: primer_bind
LOCATION: 1:.19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: PC-D
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5 inc
COMPUTER: IBM PS/2
                                                                                                                                                                                                                                                NAME: Pasqualini, Patricia A. REGISTRATION NUMBER: 34,894 REFERENCE/DOCKET NUMBER: LUD TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: New York
STATE: New York
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                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: singl
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                                                                     Local Similarity
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                           4392 CCTATTGCTTCTGTT 4406
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vention: ISOLATED PEPTIDE WHICH FORMS COMPLEXES
vention: WITH MHC MOLECULE HLA-Cw*1601 AND USES
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                                                                                                                                 linear
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Pred. No. 2.3e
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Pred. No. 2.3e+03;
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RESULT 3013

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APPLICANT: Tonal, Richard
APPLICANT: StemCyte, Inc.
TITLE OF INVENTION: High Throughput Methods of HLA Typing
FILE REFERENCE: 020035-000210US
CURRENT APPLICATION NUMBER: US/09/747,391
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 278
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-747-391-164
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PCT-US91-03680-2/c
                                                                                        TELEX: 706141
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH: 19
                                                                                                                                                                                                            REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
TITLE OF INVENTION: DUPLEX DNA
NUMBER OF SEQUENCES: 158
                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Matteucci, Mark D. APPLICANT: Krawczyk, Steven
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                            TELEFAX: 411
TELEFAX: 706141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Morrison & Foerster STREET: 545 Middlefield Road, Suite 200 CITY: Menlo Park
                      NAME/KEY:
                                                            TOPOLOGY:
                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: POFILING DATE: 19910524
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4221 CTTCCTCTGTGCAGA 4235
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                                                                                                                                                                                          415-327-2951
modified_base
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                                                            linear
                                                                        single
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Pred. No. 2.3e+03;
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RESULT 3016
US-08-487-141B-19/c
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                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 9, Application FU/10531
GENERAL INFORMATION:
APPLICANT: Matteucci, Mark I
APPLICANT: Krawczyk, Steven
APPLICANT: Krawczyk, Steven
Sequence 19, Application US/08487141B
Patent No. 5683987
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic OJ
TITLE OF INVENTION: Targeting the
                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTION DATA:
APPLICATION UMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 4.35
ATTORNEY/AGENT INFORMATION:
NAME: MUTABHIGE, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELEPHONE: 415-327-7250
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                  Matches
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Matches 14; Conserv
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                                                                                                                                                                                                                                                                                   Query Match
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison
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TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
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OTHER INFORMATION:
                                                                                                                                                                                                                                                ZIP: 94025
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.2%; Score 13.4; DB 1; Length 19; 93.3%; Pred. No. 2.3e+03;
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/note= "N4N4-ethanocytosine deoxymucleotide"
                                                                                                                                                                                                                                                                                    Length 19;
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Therapeutic Oligonucleotides
Targeting the Human MDR1 and MRP Genes
114

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RESULT 3017
US-08-927-561-19/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                  COUNTRY: USA
ZIP: 19103-2307
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/08/927,561
PILING DATE: US/08/927,561
PILING DATE: US-SEPT-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/487,141B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
CLASSIFICATION: 536
PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPUTER:
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PATENTIN RELEASE #1.0, VI
CURRENT APPLICATION DATA:
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APPLICANT: Smith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPAX: (215)563-4044
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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HYPOTHETICAL: NO
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (215)563-4100
TELEPAX: (215)563-4044
                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Therapeuti
TITLE OF INVENTION: Targeting
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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CITY: Philadelphia
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Local Similarity 93.3%;
local Similarity 93.3%;
les 14; Conservative
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STRANDEDNESS: sing
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APPLICATION NUMBER:
                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH:
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                  APPLICATION DATA:
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1601 Market Street Suite 720
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US 08/487,141
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Pred. No. 2.4e+03;
0; Mismatches 1;
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RESULT 3018
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Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09388
FILING DATE: 07-UN-1995
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 19, Application PC/TUS9609388
GENERAL INFORMATION:
                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-UUT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 63.252
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                         TELEPHONE: (215) 563-410
TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
MOLECULE TYPE:
HYPOTHETICAL: 1
ANTI-SENSE: YE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: not relevant MOLECULE TYPE: DNA (genom HYPOTHETICAL: NO ANTI-SENSE; YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Rigaut, Kathleen D.
REGISTRATION NUMBER: P43,04
REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigaut, Kathleen D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Therapeutic Oligonuclectides TITLE OF INVENTION: Targeting the Human MDR1 and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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                                                                       STRANDEDNESS:
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                                                       IOPOLOGY: not relevant
                                                                                                        ENGTH:
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                                                                                      nucleic acid
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1601 Market Street Suite 720
                                                                                                          20 base pairs
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                                                                                                                                                                                (215) 563-4100
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                                      DNA (genomic)
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Pred. No. 2.4e+03;
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US-08-275-951-46/c
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Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION: APPLICANT: Egholm,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 46, Application US/08275951 Patent No. 6451968
                                                              Matches
                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Buchardt, Ole
APPLICANT: Ducholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR APPLICATION NUMBER: 08/08,658
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 1991-C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 1992-0
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/EP92/01219
PRIOR FILING DATE: 1992-05-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                               NAME/KEY: misc_feature
LOCATION: (10)..(11)
OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol
OTHER INFORMATION: Linkage
                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence NAME/KEY: misc_feature LOCATION: (5)...(6) OTHER INFORMATION: N is Pseudoisocytosine
                                                                                                                                                                                                                              NAME/KEY: misc_feature LOCATION: (10)
                                                                                                                                                                                                               OTHER INFORMATION: N is Pseudoisocytosine
                                                                                                                                                                                                                                                             OTHER INFORMATION: N is Pseudoisocytosine
                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: (8)
                                                                                                                                                                                                                                                                                                                                                                                                                                ENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4021 AAAAAGAGAGAAAAACAAAA 4039
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                                                                               Similarity
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Kiely, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Neilsen, Peter
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                                                              Conservative
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                                                                           Score 13.4; DB 1
Pred. No. 2.4e+03
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Pred. No. 2.4e+03;
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RESULT 3020

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SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-358-383C-21
                                                                      TOPOLOGY: lir; MOLECULE TYPE: US-07-984-044A-9
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                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 7005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
Query Match
Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.

ZOUNTRY: U.S.A.

ZIP: 10036-2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/984,044A
FILING DATE: 02-DEC-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MISTOCK, S. Leslie
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Curtis, Rory A.J.
TITLE OF INVENTION: NOVEL POTASSIUM CHANNEL MOLECULES AND USES THEREFOR FILE REFERENCE: MNI-055CP
CURRENT APPLICATION NUMBER: US/09/358,383C
CURRENT FILING DATE: 1999-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Kudo,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: USSN 09/119,855 PRIOR FILING DATE: 1998-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                           STRANDEDNESS:
                                                                                                                                             TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: New York
                                                                                                                                                              LENGTH: 20 base pairs
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1155 Avenue
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ilarity 93.3%;
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   Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1
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Pred. No. 2.4e+03;
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                                     Length 20;
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RESULT 3022
US-08-071-601-15
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US-08-271-942A-106/c
; Sequence 106, Application US/08271942A
; Patent No. 5550020
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TELEPHONE: (608) 255-2022
TELEPAX: (608) 255-2182
TELEYAX: 26832 ANDSTARK
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                Matches 14;
                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                          GENERAL INFORMATION:
APPLICANT: Gallie, Brenda L.
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
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APPLICANT: BREMEL, ROBERT D.
APPLICANT: BREMEL, ROBERT D.
TITLE OF INVENTION: DNA SEQUENCE ENCODING BOVINE
TITLE OF INVENTION: ALPHA-LACTALBUMIN AND METHODS
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: F. 3262-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 53202-4178
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
                APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
NUMBER OF SEQUENCES: 123
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DNA (genomic)
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.25
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TOPOLOGY: lir
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Oppedahl & Larson
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US-07-977-284A-116/c
; Sequence 116, Application US/07977284A
; Patent No. 5558988
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: MARINA T. LARSON
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEPHONE: (914) 962-4330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HYPOTHETICAL: no ANTI-SENSE: no FRAGMENT TYPE: i ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/271,942A FILING DATE: 08-0UL-1994 CLASSIFICATION: 435 PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
                                                                                                                              APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE:
                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                            APPLICANT:
                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM:
SOFTWARE: Word Pe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY
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                                  STATE:
                                               CITY: Philadelphia
                                                               STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Match 0.2%;
Local Similarity 93.3%;
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                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                4588 TIGACIGITCATITI 4602
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                                                               B: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
One Liberty Place, 46th floor
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Williams, Charlene J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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Baldwin, Clinton
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 13.4; DB 1; Length 20; Pred. No. 2.4e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           inch, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
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COMPUTER READABLE FORM:

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RESULT 3025
US-07-977-284A-118
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US-07-977-284A-116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION MADER: US/07/977,284A
APPLICATION NUMBER: US/07/977,284A
FILING DATE: 13-NOV-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-0697
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 116:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 118, Appl
Patent No. 5558988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Procko
APPLICANT: Ala-Ko
                                                                                                              APPLICATION NUMBER: US/07/
FILING DATE: 13-MOV-1992
CLASSIFICATION: 435
FRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC COMPUTED:
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Ritvaniemi, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WOOTOPETFECT 5.1
CURRENT APPLICATION DATA:
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Philadelphia
STATE: PA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 / Match 0.2%; Score 13.4; DB 1; Local Similarity 93.3%; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE:
COMPUTER: IE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 19103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6923 AGAGCCTCTGGCTGC 6937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             15 AGAGCCTCTGCCTGC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Woodcock, Washburn, Kurtz, Mackiewicz & No.
One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/07977284A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Prockop, Darwin J.
Ala-Kokko, Leena
Williams, Charlene J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Darwin J.
                                                                                                                                                                                                                                                                                                                           US/07/977,284A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ,0
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US-08-250-856A-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: LIT; ANTI-SENSE: NO US-07-977-284A-118
                                                                                                              US-08-250-856A-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.4e+03; Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No. 5563259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 15, Application US/08250856A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: TJ
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 118:
                                                                                                                                                                                                                                     TELEFAX: (609) 779-848
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0094
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08, FILING DATE: May 31, 1994 CLASSIFICATION: 435 PRIOR APPLICATION NUMBER: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                              TOPOLOGY: Line ANTI-SENSE: Yes
                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: ZIV L....
CITY: Cherry Hill
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                               TYPE: Nucleic Acid
STRANDEDNESS: Sing
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: NUCLEIC ACID
STRANDEDNESS: SING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
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5936 crececrecacrece 5950
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6 AGAGCCTCTGCCTGC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: Law Offices of Jane Massey Licata 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       IBM PS/2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LINEAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                              Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SINGLE
                                                                                                                                                                                                                                                          779-8488
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Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
                                                                        Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 20;
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                                      <u>,</u>
                                      Gaps
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PATENT NO. 5582979

PATENT NO. 5582979

GENERAL INFORMATION:

APPLICANT: Weber, James L.

APPLICANT: Weber, James L.

TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME

NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSEE: DeWitt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                     뭉
                                                                                                                                                                                                                                                                                                    RESULT 3028
US-08-222-177A-237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-118-441-3
                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 93.3
14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/08118441
Patent No. 5578493
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                      Sequence 237, App. Patent No. 558297
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -08-118-441-3/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 977-9550
TELEPAX: (212) 664-0525
TELEX: 422523 COOP UI
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANA: ISULTITLE OF INVENTION: ISULTITLE OF INVENTION: GENE TITLE OF SECTION CES: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Gilliam, T. CONLAU
APPLICANT: Tanzi, Rudolph E.
APPLICANT: Tanzi, Rudolph B.
APPLICANT: TANZI, RUDOLATION AND USES OF A WILSON'S DISEASE
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: United States of America ZIP: 10112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/118,441 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                               5029 GAGGCAGCTCACTGG 5043
                                                                                                                                                                                                                                                                                                                                                                                   16 GAGGCTGCTCACTGG 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: Cooper & Dunham
30 Rockefeller Plaza
                                                                                                                                                                                                                                                                                        Application US/08222177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
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; CLONE: mfd64p2
US-08-222-177A-237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 3029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-222-177A-285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 5582979

GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 285, Application US/08222177A Patent No. 5582979
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
APPLICATION NUMBER: US 07/341,562
PILLING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1NFORMATION:
TELECOMMUNICATION 1NFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Sara, Chailes S.
REGISTRATION UNMER: 30,492
REFERENCE/DOCKET NUMBER: 0986
TELECOMMUNICATION INFORMATION:
TELEPHOUS: (608) 831-2100
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/222,177A
PILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
PILING DATE: 21-APR-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATING SYSTEM: PC-DOS/MS-DOS
COPTAINED: Patentin Polasse #10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                      SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 8000 F
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ch 0.2%; Score 13.4; 1 Similarity 93.3%; Pred. No. 2. 14; Conservative 0; Mismatche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E: DeWitt Ross & Stevens, S.C.
8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        double
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RESULT 3031
US-07-976-103A-14
; Sequence 14, Application US/07976103A
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US-08-202-990-3/c
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                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/202,990
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/ACTURED
                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MYC9
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEPAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity
Matches 14; Conserv
                                                                                                                                       Query Match
Best Local Similarity
Matches 14; Conserv
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Bulawa, Christine
TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITY
TITLE OF INVENTION: FUNGAL PATHOGENICITY
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: D
IMMEDIATE SOURCE:
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nucleic acid
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METHODS FOR IDENTIFYING INHIBITORS OF
FUNGAL PATHOGENICITY
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                                                                                                                                                         Score 13.4; DB 1;
Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
0; Mismatches 1;
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                                                                                                                                                                         Length 20;
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                                                          Query Match
Best Local Similarity
Matches 14; Conserv
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                     FEATURE:
NAME/KEY: modified_base
LOCATION: 17
LOCATION: /not
                                                                                                                                                                                                                            OTHER INFORMATION: /note= "This position is C'
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:

NAME/KEY: modified base
LOCATION: 6
LOCATION: 6
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IMP PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UNMERR: US/07/976,103A
FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS
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                                                                                                                                                        NAME/KEY: modified
LOCATION: 20
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                            NAME/KEY: modified_base
LOCATION: 9
OTHER INFORMATION: /note= "This position is C'OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
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STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH:
                                 4464 TTTTTTTTTTTTTTTT
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GUTIERREZ, ARNOLD J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MATTEUCCI, MARK
                                                                     Conservative
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                                                                                                                                                                                                          modified_base
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                                                                                    0.2%;
                                                                                                                                                        /note= "This position is C'
5-methyl-2'-deoxycytidine."
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19
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                                                                  Score 13.4; DB 1; Length 20; Pred. No. 2.4e+03; O; Mismatches 4; Indels
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US-08-458-393-9

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RESULT 3033
US-08-487-1418-20/c
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                                                                                                                                                                                                                                                                       PATENT NO. 5683987
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeuti
TITLE OF INVENTION: Targeting
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PALENTION DATA:
APPLICATION UMBER: US/08/458,393
FILING DATE: 02-UW-1995
CLASSIFICATION UMBER: US 07/984,044
FILING DATE: 02-DEC-1992
AFPLICATION NUMBER: US 07/984,044
FILING DATE: 02-DEC-1992
AFFICATION NUMBER: US 07/984,044
FILING DATE: 02-DEC-1992
AFFICATION NUMBER: 18,872
AFFICATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 7005-053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 9, Application US/08458393
Patent No. 5661011
GENERAL INFORMATION:
APPLICANT: Kudo, T. et al.
TITLE OF INVENTION: Sexing Method Of Bovine Embryos
NUMBER OF SEQUENCES: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                     Sequence 20, Application US/08487141B Patent No. 5683987
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEPAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Match 0.2%; Score 13.4; DB 1; Length 20; Local Similarity 93.3%; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
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                                                                                                                                             COUNTRY:
                                                                                                                                                                                                    ADDRESSEE: Dann, Dorfman, Herrell and Skillman STREET: 1601 Market Street Suite 720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ENGTH:
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                                                                                                                                                                                   Philadelphia
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Targeting the Human MDR1 and
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COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC_DOS/MS_DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/255,892
FILING DATE:
CLASSIFICATION 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/834,543
FILING DATE: 11-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: DEAVER, DONALD B.
REGISTRATION NUMBER: 23,048
REFERENCE/DOCKET NUMBER: 1032/94109
TELECOMMUNICATION INFORMATION:
TEVERNORY AT 1000 NUMBER: 1032/94109
TELECOMMUNICATION INFORMATION:
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Matches
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Patent No. 56
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TELEPAX: (215)563-4044
INFORMATION FOR SEQ ID NO:
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LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,6
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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ANTI-SENSE: YES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: TITLE OF INVENTION:
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APPLICANT: MANDRAND, BERNARD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                          STREET: 1100 NEW CITY: WASHINGTON
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1100 NEW YORK AVENUE, N.W.
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93.3%; Pred. No. 2.
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TELEFAX:

202-822-0944

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RESULT 3035
US-08-171-718-13
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                                                    TOPOLOGY: US-08-171-718-13
Query Match
Best Local Similarity
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Best Local &
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Patent No. 5707863
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APPLICANT: Trofat
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                    NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 0609.3850003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEPAR: (202) 371-2540
INFORMATION FOR SEQ ID NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 08/026,063 FILING DATE: 04-MAR-1993 ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
TITLE OF INVENTION: Thereof
                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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                                                                               LENGTH: 20 base pairs TYPE: nucleic acid STRANDEDNESS: single
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/171,718 FILING DATE: 22-DEC-1993
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                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
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                                                                     linear
                                                                                                                                                                                                                                                                                                                                                                                                      UMBER: US 08/108,808
19-AUG-1993
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87.5%; Pred. No. 2.4e+03;
0.2%;
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Score 13.4; DB 1;
Pred. No. 2.4e+03;
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              Length 20;
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RESULT 3037
US-08-665-966-16/c
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US-08-605-089-18/c
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OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/605,089
FILING DATE: 06-MAR-1996
PRIOR APPLICATION UNMBER: JPA-6-154571
APPLICATION NUMBER: JPA-6-154571
PILING DATE: 06-JUL-1994
APPLICATION NUMBER: PCT/JP95/01352
FILING DATE: 06-JUL-1995
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity
Matches 14; Conserv
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                                                                                                           APPLICANT: Steffens, APPLICANT: Ghangas, GITITLE OF INVENTION: AUTITLE OF INVENTION: TO
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CORRESPONDENCE ADDRESS:
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APPLICANT: Kiyonori KATSURAGI
APPLICANT: MOTITOShi KINOSHIT.
APPLICANT: Sadahito SHIN
                                                                            NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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               CITY: Arlington
STATE: Virginia
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ZIP: 20037
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                                            ADDRESSEE: Jones, Tullar & Cooper, STREET: P..O. Box 2266 Eads Station
STATE: Virginia COUNTRY: USA
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2100 Pennsylvania Avenue, N.W.
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Acyl Transferase and Gene Encoding Acyl
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                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 94404
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC DOS/MS-DOS
SOFTWARE: PECHICAL Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481
FILING DATE: 07-UN-1995
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 703-415-1508
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: WAGNER, RICK
APPLICANT: WAGNER, RICK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
GILEAD SCIENCES, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Spector, Eric S.
REGISTRATION NUMBER: 22495
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-1500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPUTER: OC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                       PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/976,103
PILING DATE: 25-NOV-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 353 Lakeside Drive
CITY: Poster City
STATE: California
CLASSIFICATION: 514
RIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                               APPLICATION NUMBER: US 07/965,941 FILING DATE: 23-OCT-1992
                                                                                                                                                                                                                         CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FELEPHONE:
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  US 08/338,352
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Pred. No. 2.4e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 20;
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; NAME/KEY: modified
; LOCATION: 20
; OTHER INFORMATION:
; OTHER INFORMATION:
; US-08-473-481-14
                                                                                                                                                                                                                                                                                                    US-08-621-100-15
                                                                                                                                                                                                                                                                                                                        RESULT 3039
                                                                                                                                                               PATENT NO. 5850000
GENERAL INFORMATION:
APPLICANT: BLECK, GREGORY T.
APPLICANT: BREWEL, ROBERT D.
APPLICANT: BREWEL, ROBERT D.
TITLE OF INVENTION: DNA SEQUENCE ENCODING BOVINE
TITLE OF INVENTION: ALPHA-LACTALBUMIN AND METHODS OF USE
                                                                                                                                                                                                                                                                                 Sequence 15,
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEPAX: (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 14-NOV-:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
COMPUTER READABLE FORM:
                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: ANDRUS, SCEALES, STARKE & SAWALL STREET: 100 E. WISCONSIN AVE., SUITE 1100
                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 07/799,824 FILING DATE: 26-NOV-1991 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: 17
OTHER INFORMATION: /note= "This position is C'
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: 6
OTHER INFORMATION: /note= "This position is C'OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 25
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION:
             COUNTRY: USA
ZIP: 53202-4178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local
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                                                       STATE:
                                                                        STREET: 100 E. V
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5-methyl-2'-deoxycytidine."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.2%; Score 13.4; DB 1; Length 20; 77.8%; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /note= "This position is C'
5-methyl-2'-deoxycytidine."
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Patent No. 5851760
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: 941 9423
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: Sara, Charles S
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: F. 3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 255-2102
TELEFAX: (608) 255-2102
TELEFAX: 26832 ANDSTARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
PILING DATE: 07-SEP-1993
                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES NUMBER OF SEQUENCES: 797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                     STREET: 444 South
CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE:
COMPUTER: IF
                                                                                                                                                                                                                                                                                                                                   COUNTRY: U
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
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22-MAR-1996
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Pred. No. 2.
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RESULT 3041
US-08-117-952-148
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                                                                                                                                                                                                    TELEPHONE: 619-546-4737
TELEPAX: 619-546-9392
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 90071
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 148, Application US/08117952 Patent No. 5851760
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: 941 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 619-546-9392
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: 01
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                            HYPOTHETICAL: I
                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET:
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                               Oligonucleotide
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 0
                 Score 13.4; DB 1;
Pred. No. 2.4e+03;
 Mismatches
                                   Length 20;
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RESULT 3042
US-08-651-692-10
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US-08-927-561-20/c
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                                                                                                                                               Sequence 20, Application US/08927561 Patent No. 5874567
                                                                                                                                                                                                                                                                                                                      Matches
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                                                                                                                 GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (609) 779-8488 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Loren Miraglia, Thomas Geiger,
APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
TITLE OF INVENTION: Compositions and Methods for
TITLE OF INVENTION: Modulating Type I Interleukin-1 Receptor Expression
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 2.10 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY JAGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0144
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 536 PRIOR APPLICATION UMBER:
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APPLICATION NUMBER: US
FILING DATE: Herewith
                                                                                                                                                                                                                                                                                                                                                                                                            ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                 TITLE OF INVENTION: Therapeuti
TITLE OF INVENTION: Targeting
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 210 Lake CITY: Cherry Hill
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                     Match 0.2%;
Local Similarity 93.3%;
                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH:
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SEE: Dann, Dorfman, I
: 1601 Market Street
Philadelphia
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                                                                                    Therapeutic Oligonucleotides 
Targeting the Human MDR1 and
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                   Herrell and
t Suite 720
                                                                                                                                                                                                                                                                                                                                       Score 13.4; DB 1;
Pred. No. 2.4e+03;
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RESULT 3044
US-08-761-243C-10/c
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Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 08/
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigaut, Kathleen D.
REGISTRATION NUMBER: P43,0
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 536
PRIOR APPLICATION DATA:
US 08/487,141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: DEM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: YES
                                                                                                                    SOPTWARE: Microsoft Word for Macintosh CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/761,243C
FILING DATE: December 6, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (215)563-4100
 TELECOMMUNICATION INFORMATION: TELEPHONE: 713-777-2321
                              CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Benjamin Aaron Adler, Ph.D.,
REGISTRATION NUMBER: 35,423
REFERENCE/DOCKET NUMBER: D5956
                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Kamal D. TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 19103-2:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/927,561
                                                                                                                                                                                                                                                               COUNTRY: U
                                                                                                                                                                                                                                                                                              STATE: Texas
                                                                                                                                                                                                                                                                                                                  STREET: 8011 (
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TELEPHONE:
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8011 Candle Lane
                                                                                                                                                                                                                                                                                USA
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No. 5879879el Cis-Acting
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Pred. No. 2.4e+03;
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                                                                      J.D.
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; MOLECULE TYPE:
; DESCRIPTION: of
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
US-08-761-243C-10
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US-08-478-178A-115/c
; Sequence 115, Application US/08478178A
""" NO. 5882927
""" NO. 5882927
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                                                                                                                                                                                                                  FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: 1518:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3100
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
                                                     Matches
                                                                 Query Match
Best Local (
                                                                                                      -- обизк: yes
-- 08-478-178A-115
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5:

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION: APPLICANT: Nichol
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                                                                                                                                    TOPOLOGY: linear ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: ...
STRANDEDNESS: 81...
                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: singl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5882927ris
STREET: One Liberty Place - 46th Floor
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8 GCTGGCCGGGCGCTC 22
                                                                   Similarity
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                                                     Conservative
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                                                                                                                                                                      single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 2.4e+03;
                                                                 0.2%;
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                                                 0
                                                 Score 13.4; DB 1
Pred. No. 2.4e+03
0; Mismatches
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                                                                                 DB 1; Length 20;
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                                                 Gaps
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US-08-481-072A-115/c
Sequence 115, Application US/08481072A
Patent NO. 5918807
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein
                                                                                                                                                                                                                                                                               RESULT 3047
                                                                                                                                                                                                                                                                                                                                         片
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US-08-488-177-115/c
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Patent NO. 5885970
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: Potecin Kinase C
NUMBER OF SEQUENCES: 121
                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,177
FILING DATE: 07-UUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 852,852
FILING DATE: MATCH 16, 1992
ATTORNEY AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: 1SIS
TELECOMMUNICATION INFORMATION:
TELECHONE (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
                               NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Wackiewicz & No. 5916807ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
            STREET: One Liberty
CITY: Philadelphia
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Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5885970ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH:
                                                                                                                                                                                                                                                                                                                                         16 GATGGCCGGGCGCTC 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    16 GATGGCCGGGCGCTC 2
                                                                                                                                                                                                                                                                                                                                                                                                                       14;
                                                                                                                                                                                                                                                                                                                                                              8 GCTGGCCGGGCGCTC 22
PA
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                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 13.4; DB 1;
Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 20;
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COUNTRY:

USA

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US-08-664-336-115/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Rebecca Ralph Gaumond
REGISTRATION INVMER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
                                             COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION UMMBER: US/08/664,336
FILING DATE: herewith
CLASSIFICATION UMBER: 852,852
FRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
PRIOR APPLICATION DATA:
APPLICATION UMBER: 089,996
FILING DATE: July 9, 1993
ATTORNEY/AGENT INFORMATIN:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 115, Application US/08664336 Patent No. 5922686
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/4
FILING DATE: herewith
CLASSIFICATION: 514
CRASSIFICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE,
COMPUTER: IBM PS/2
                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Wackiewicz & No. 5923686ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Match 0.2%;
Local Similarity 93.3%;
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                   : Paul K. Legaard
STRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    8 GCTGGCCGGGCGCTC 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GATGGCCGGGCGCTC 2
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VENTION: Oligonucleotide Modulation of Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                USA
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               38,534
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Pred. No. 2.4e+03;
ISIS-2345
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US-08-866-650-7,
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                                                                                                                                           US-08-866-650-7
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                                                                                     Query Match
Best Local :
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Best Local Similarity 93.3%;
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TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 115:
                                                                                                                                                                                                                                                             TELEPHONE: 608-251-5000
TELEFAX: 608-251-9166
INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                       LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: US
ZIP: 53703
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Greenspan, Daniel S
APPLICANT: Takahara, Kazuhiko
APPLICANT: Hoffman, Guy G
TITLE OF INVENTION: Mammalian Tolloid-Like Protein
NUMBER OF SEQUENCES: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
PILING DATE:
CLASSIFICATION: 514
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                    NAME: Berson, Bennett J
REGISTRATION NUMBER: 37094
REFERENCE/DOCKET NUMBER: 96
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
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                                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 1 Sout
CITY: Madison
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                      1029 GATGAAGAGGAAGTA 1043
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20 GATGAAGTGGAAGTA 6
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                                                                   h 0.2%;
Similarity 93.3%;
14; Conservative
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                                                                                     Score 13.4; DB 1;
Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
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                                                                      Mismatches
                                                                                                        DB 1; Length 20;
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RESULT 3051
US-08-256-426B-118
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                                                                                                                                                                                                                                                                                                                                                                               US-08-256-426B-116
                                                                                                                                     Sequence 118, Application US/08256426B Patent No. 5948611
                                                                                                                                                                                                                                                                                                        Best Local Simi
Matches 14;
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Patent No. 59
                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                   GENERAL INFORMATION:
APPLICANT: Prockol
APPLICANT: Ala-Kol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 116:
               APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: LINEAR ANTI-SENSE: YES
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APPLICATION NUMBER: US
FILING DATE: 03-FEB-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: Methods of Detecting A Genetic
TUMBER OF SEQUENCES: 293
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
 APPLICANT:
                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible OPERATING SYSTEM: Windows 3.1 SOFTWARE: WORDPERFECT 6.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Mark DeLuca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1082
                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH:
                                                                                                                                                                                                                                                                          6923 AGAGCCTCTGGCTGC 6937
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                                                                                                                                                                                                                                                                                                                           Similarity
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Ala-Kokko, Leena
Williams, Charlene J.
Ritvaniemi, Pertti
Baldwin, Clinton
                              Ala-Kokko, Leena
Williams, Charlene J.
Ritvaniemi, Pertti
Baldwin, Clinton
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                                                                                                                                                                                                                                                                                                           Conservative
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Ahmad, Nilofer Nina
Ahmad, Nilofer Nina
                                                                                                     Prockop,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DISKETTE, 3.5 INCH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     03-FEB-1995
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                                                                                                                                                                                                                                                                                                                        0.2%; Score 13.4; DB 1
93.3%; Pred. No. 2.4e+03
                                                                                                     Darwin J.
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                                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                           DB 1;
                                                                                                                                                                                                                                                                                                                                        Length 20;
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RESULT 3052
US-08-975-211-27
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                                                                                                                                                                                                                                                                                                                                                            Sequence 27, Application US/08975211
Patent No. 5948902
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM Compatible
ODERATING SYSTEM: Windows 3.1
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/256,426B
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: MAT'R DEFINICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (215) 568-31
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO:
             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                   APPLICANT: Honkanen, Richard E
APPLICANT: Dean, Nicholas M
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
TITLE OF INVENTION: HUMAN SERINE/THREONINE PROTEIN PHOSPHATASE GENE EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TUTELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Methods of Detecting A Genetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: One ___
APPLICATION NUMBER:
                                                                                                                                                                        STATE:
                                                                                                                                                                                        STREET: 39 State Street CITY: Rochester
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STRANDEDNESS: SINGI
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                                                                                                                                ZIP: 14614-1310
                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                              ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH:
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ilarity 93.3%;
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US/08/975,211
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Pred. No. 2.4e+03;
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RESULT 3053
US-08-756-806A-15
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION: APPLICANT: Monia,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 716-262-4133
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Braman, Susan J
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 8764
TELECOMMUNICATION INFORMATION:
TELEPHONE: 716-262-3640
                                                                                                                                 FILING DATE: May 31, 194
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION UNMEER: 32,257
REFERENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US95/07111
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
                                                                                                                                                                                                                                                                                                                        SOPTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION UNDEER: US/08/756,806A
APPLICATION UNDEER: US/08/756,806A
FILING DATE: No. 5952229ember 26, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonuclectide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                          CLASSIFICATION: 536 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
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CLASSIFICATION:
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                                                                                                       TELEPHONE:
                           TYPE: Nucleic Acid STRANDEDNESS: Sing
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NO: 15:
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Pred. No. 2.4e+03;
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                                                                                            US-08-343-443B-119/c
                                                                                                            RESULT 3055
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APPLICANT:
APPLICANT:
APPLICANT:
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 Delattre, Olivier
Desmaze, Chantal
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; Sequence 119, Application US/08343443B; Patent No. 5968734; GENERAL INFORMATION:
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Best Local Similarity 93.3%;
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: MARCH 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonuclectide Modulation
TITLE OF INVENTION: Protein Kinase C
                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE,
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,066A
FILING DATE: herewith
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ADDRESSEE: Mackiewicz & No. 5959096ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
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Pred. No. 2.4e+03;
0; Mismatches 1;
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                                                                                                                                                                                                                    Sequence 7, Application US/09021287 Patent No. 5981717
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR93/00494
FILING DATE: 19-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 92/06123
FILING DATE: 20-MAY-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 215-875-839
TELEFAX: 215-875-8394
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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APPLICANT:
APPLICANT:
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LENGTH: 20 base pairs
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE AEDIT 1.0 DOS text editor
CURRENT APPLICATION DATA:
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                                                                                                                         APPLICANT: Greenspan, Daniel S
APPLICANT: Takahara, Kazuhiko
APPLICANT: Hoffman, Guy G
TITLE OF INVENTION: Mammalian Tolloid-Like Protein
                                                                                     NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: 215-875-8383
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CORRESPONDENCE ADDRESS:
             STREET: 1 Sout
CITY: Madison
STATE: WI
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STRANDEDNESS: single
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COUNTRY:
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                                                                     ADDRESSEE:
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                                                  B: Quarles & Brady
1 South Pinckney Street
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230 South Fifteenth Street
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Peter, Martine
Ploougastel, Be
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ZUCMAN, JESSICA
ZUCMAN, JESSICA
VENTION: NUCLEIC ACID CORRESPONDING TO A GENE OF
VENTION: CHROMOSOME 22 INVOLVED IN RECURRENT CHROMOSOMAL
VENTION: TRANSLATIONS ASSOCIATED WITH THE DEVELOPMENT OF CANCEROUS
VENTION: TUMORS, AND NUCLEIC ACIDS OF FUSION RESULTING FROM SAID
VENTION: TRANSLOCATIONS
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ilarity 93.3%;
Conservative
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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Best Local Similarity
Matches 14; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-507-032-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 5, Applica Patent No. 5989810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 608-251-9166
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                 ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Berson, Bennett J
REGISTAN NUMBER: 37094
REFERENCE/DOCKET NUMBER: 96
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-251-5000
                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARB: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,287
               FILING DATE: 22-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
                                                                                                                      APPLICATION NUMBER: US/08/507,032
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Flanagan, William A. APPLICANT: Crabtree, Gerald R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy
                                                           FILING DATE:
APPLICATION NUMBER: US 07/749,385
                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: William M. Smith
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE
REGISTRATION NUMBER: 30,223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1029 GATGAAGAGGAAGTA 1043
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20 GATGAAGTGGAAGTA 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/08507032
                                                                                                                                                                                                                                                                                                                                 USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Agents
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Screening Methods for Immunosuppressive
                                                                                                        US/08/228,944
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pred. No. 2.4e
0; Mismatches
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Patent No. 5989885
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.2%;
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPAX: 415-326-2422
INFORMATION FOR SEQ ID NO:
                                                                                                            TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Teng, David H-F.
APPLICANT: Tavtigian, Sean V.
APPLICANT: Perry III, William L.
APPLICANT: Skolnick, Mark H.
TITLE OF INVENTION: SPECIFIC MUTATIONS OF MAP KINASE KINASE
TITLE OF INVENTION: 4 (MKK4) IN HUMAN TUMOR CELL LINES IDENTITIE OF INVENTION: SUPPRESSOR IN VARIOUS TYPES OF CANCER
                                                                                                                                                                         REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 248
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,6
                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 10-JAN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESS: Panable, Baetjer, Howard & Civiletti, LLP
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: 1..20
OTHER_INFORMATION: /note= "Purine Rich Core Sequence"
                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/874,186 FILING DATE: CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U
ZIP: 20005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 1201 New CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
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                                                           STRANDEDNESS:
DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3278 AAGAAGAAAAATGAA 3292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      14;
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                                                                        nucleic acid
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                                        linear
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/desc = "Primer."
                                                         single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4 (MXK4) IN HUMAN TUMOR CELL LINES IDENTIFY IT AS A TUMOR SUPPRESSOR IN VARIOUS TYPES OF CANCER
                                                                                                                                                                                                                                                                                                                           US 08/782,482
                                                                                                                                           48:
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Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
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US-08-940-250-9/c
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                                                                                                                          RESULT 3060
US-08-487-799-63
                                                                                                                                                                                                                                                                                                                                                ; ANTI-SENSE:
US-08-940-250-9
Sequence 63, Application US/08487799C
Patent No. 6010908
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Gruenert, Deiter C.
APPLICANT: Kunzelmann, Karl
TITLE OF INVENTION: GENET THERAPY BY SMALL FRAGMENTS HOMOLOGOUS REPLACEMENT
FILE REFERENCE: 480.18-1(HV)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 9, Application US/08940250 Patent No. 6001991
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                                                                                                                                                                                                                                                                                        Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local
                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/731,19
FILING DATE: 10/4/96
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15PH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Nichol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (609) 810-1454 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Antisense Oligonucleotide N
TITLE OF INVENTION: Of MDR P-Glycoprotein Gene
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEB: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: 15"... PC-DOS
OPERATING SYSTEM: PC-DOS
OPERATING WORDPERFECT 5.1
TON DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 66 East Main Street CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6869 GGGCAGGGAGAGAGG 6883
                                                                                                                                                                                                                                     6933 GCTGCTGTTTGGGCA 6947
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               14;
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                                                                                                                                                                                                                                                                                          0.2%;
Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                    Nucleic Acid
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VENTION: Antisense Oligonucleotide Modulation
VENTION: of MDR P-Glycoprotein Gene Expressio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                    Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DISKETTE, 3.5 INCH, 1.44 MB STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                 Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US/08/940,250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            9:
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                                                                                                                                                                                                                                                                           0
                                                                                                                                                                                                                                                                                           Score 13.4; DB 1; Length 20; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ISPH-0217
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                                                                                                                                                                                                                                                                         Mismatches
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                                                                                                                                                                                                                                                                           Indels
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CURRENT APPLICATION NUMBER: US/08/487,799C
CURRENT FILING DATE: 1995-06-07
EARLIER APPLICATION NUMBER: 07/933,471
EARLIER FILING DATE: 1992-08-21
EARLIER APPLICATION NUMBER: 08/409,544
EARLIER FILING DATE: 1995-03-24
NUMBER OF SEQ ID NOS: 87
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 63
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 3061
US-08-578-615A-77/c
; Sequence 77, Application US/08578615A
; Patent No. 6015892
; Patent No. 6015892
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; ORGANISM: PEATURE:
; PEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: oligonucleotide
US-08-487-799-63
STRANDEDNESS: single; TOPOLOGY: linear; ANTI-SENSE: yes
US-08-578-615A-77
                                                                                                    COMPUTER: IEM PS/2
COMPUTER: IEM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,615A
PILING DATE: 11-JAN-1996
CLASSIFICATION DATA:
APPLICATION NUMBER: 852,852
APPLICATION NUMBER: 08/089,996
FILING DATE: 16-MAR-1992
APPLICATION NUMBER: 08/199,779
APPLICATION NUMBER: 08/199,779
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: PAUL K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: 18.534
REFERENCE/DOCKET NUMBER: 18.534
REFERENCE/DOCKET NUMBER: 18.534
REFERENCE/DOCKET NUMBER: 19.568
TELEPHONE: (215) 568-3439
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       뮹
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:

APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
NUMBER OF SEQUENCES: 122
CORRESPONDENCE ADDRESS:
ADDRESSE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2673 TGACAGTGGAGAGGG 2687
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5 TGTCAGTGGAGAGGG 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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AT COMMERCAGE 22	Best Local Similarity 93.3%; Pred. No. 2.4e+03; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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US-09-357-070-8/c

Sequence 8, Application US/09357070 Patent No. 6046049 GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert

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US-09-344-001-20
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                                                                                                                                                                                                                                                                                                                                                                                     RESULT 3065
US-08-779-916A-106/c
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SEQ ID NO 20
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 20, Applicat Patent No. 6054440 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
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LENGTH: 20
                                                                                                                                                                                                                                                                                                                              Sequence 106, Application US/08779916A Patent No. 6063567 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.2%;
Best Local Similarity 93.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/344,001
CURRENT FILING DATE: 1999-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OP INVENTION: ANTISENSE MODULATION OF Jun N-TERMINAL KINASE KINASE-2 EXPRESSION
PILE REFERENCE: RTS-0067
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
                                                                                                                                                                                              APPLICANT: Gallie, Brenda L.
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
APPLICANT: Hui, May
APPLICANT: Hui, May
Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
NUMBER OF SEQUENCES: 123
                                                                                                                                                                           CORRESPONDENCE ADDRESS
                                                                                    COUNTRY:
                                                                                                                         CITY: Yorktown Heights
                                                                                                                                         ADDRESSEE: Oppedahl & Larson STREET: 1992 Commerce Street,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1774 CCAGGGAAGACGCCG 1788
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Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
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                                                                                                                                             Suite 309
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RESULT 3066
US-09-041-780-16/c
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Best Local Similarity 93.3%;
Matches 14; Conservative
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Patent No. 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
TOPOLOGY: line
MOLECULE TYPE: 9
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 08/271,942
FILING DATE: 08-JUL-1994
ATTORNEY/AGENT IMPORMATION:
NAME: Marina T. Larson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                   SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Steffens, John C.
APPLICANT: Ghangas, Gurdev S.
TITLE OF INVENTION: Acyl Transferase and Gene Encoding Acyl
TITLE OF INVENTION: Transferase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: (914) 245-3252
ATTORNEY/AGENT INFORMATION: NAME: Spector, Eric S.
                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           HYPOTHETICAL:
                                                                                                                                                                                                                                                                       STREET: P..O. Bo:
CITY: Arlington
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:
                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: human
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                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY:
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                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                            COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
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                                                                                                                        US/09/041,780
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Pred. No. 2.4e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 3, Application US/08338579A
Patent No. 6068975
GENERAL INFORMATION:
APPLICANT: Gilliam, T. Conrad
APPLICANT: Tanzi, Rudolph E.
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.4e+03; Matches 14; Conservative 0; Mismatches 1
                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 703-415-1508
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                     TOPOLOGY: 1i
MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,579A
FILING DATE: June 17, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 22495
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-1500
                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Cooper & Dunham
STREET: 1185 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                      STRANDEDNESS: single
                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: United States of America ZIP: 10036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE:
                                                                                                                                                                                                                                                                                                               TELEFAX: (212) 391-0525
                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
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                              5029 GAGGCAGCTCACTGG 5043
16
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                                                                 14;
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                                                                 Conservative
                                                                                                                                                                                         linear
                                                                                                                                                      DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DISEASE GENE
: 107
                                                                                   93.3%;
                                                                                                    0.2%;
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                                                                 0,
                                                                                 Score 13.4; DB 1;
Pred. No. 2.4e+03;
                                                                 Mismatches
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US-08-478-087-13
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RESULT 3069
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Patent No. 6077685
                                                                                                                                       Matches
                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 08/171,718
FILING DATE: 22-DEC-1993
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEBE-1993
PRIOR APPLICATION NUMBER: US 08/026,063
PRIOR APPLICATION NUMBER: US 08/026,063
FILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Anne
REFERENCE/DOCKET NUMBER: 0609.38500
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                    TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,087
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Sterne, K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Gusella, James F.
TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
TITLE OF INVENTION: Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                          0.2%;
Local Similarity 93.3%;
1es 14; Conservative
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                                                                                                                                                                                                                                 STRANDEDNESS: single TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET:
                                                                              3451 CTTCTCCTCCCTGAC 3465
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                                                            CTTCTCCTCCCTGGC 17
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1100 New York Avenue, N.W., Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Application US/08478087
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Mia M.
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                                                                                                                                                         Score 13.4; DB 1;
Pred. No. 2.4e+03;
                                                                                                                                       Mismatches
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                                                                                                                                                                           Length 20;
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                                                                                                                                       Gaps
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US-09-166-186-69/c ; Sequence 69, Application US/09166186A ; Patent No. 6080580

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GENERAL INFORMATION: APPLICANT: Banker, Brenda APPLICANT: Butler, Madeline I APPLICANT: Butler, Madeline I

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US-09-166-186-151/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 150, Application US/09166186A Patent No. 6080580 GENERAL INFORMATION:
                                                                                                                   Sequence 151, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OP INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
CURRENT FILING DATE: 1998-10-05
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SEQ ID NO 150
LENGTH: 20
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Best Local
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                                                  NUMBER OF SEQ ID NOS: 250
SEQ ID NO 151
LENGTH: 20
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF THF-A EXPRESSION FILE REFERENCE: ISPH-0322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                   ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: antisense sequence
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Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 13.4;
Pred. No. 2.
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NUMBER OF SEQ ID NOS: 250

SEQ ID NO 152

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-152
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US-09-166-186-153/c
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                                                                                                                             ; OTHER INFORMATION: antisense sequence US-09-166-186-153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Betnett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
                                                                                                                                                                                                                        APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REPERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 153
                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 14; Conserv
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                                                                                Query Match
Best Local 9
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CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
                                                                                                                                                              LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                           V Match 0.2%;
Local Similarity 93.3%;
1es 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1502 AGGGTGTCTGGGACA 1516
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 AGGGTGTCTGGCACA 3
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93.3%; Pred. No. 2.
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                                                                                Score 13.4; DB 1;
Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
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                                                                  Mismatches
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2.4e+03;
                                                                                               DB 1;
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                                                                                               Length 20;
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RESULT 3075
US-09-143-214-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Beler, Madeline M.
APPLICANT: Butler, Madeline M.
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTIENSE OLIGONUCLECTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 250
SEQ ID NO 154
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 6090626
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                 PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/756,806

APPLICATION NUMBER: 06/906/25ember 26, 199

FILING DATE: No. 60906/25ember 26, 199

APPLICATION NUMBER: PCT/US95/07111

FILING DATE: May 31, 1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856

FILING DATB: May 31, 1994

ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licate
REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: 32,257

REFERENCE/DOCKET NUMBER: 1SPH-0200

TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (609) 810-1454 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: PC-DOS
SOPTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
CLASSIFICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/143,214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET:
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US-09-143-214-15
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                                                                                                                           US-08-850-347-10
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                                                                Matches
                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 6110742
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                           TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 10:
                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 2391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
                                                                                                                                             TOPOLOGY: line
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: mous
                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/850,347
FILING DATE:
CLASSIFICATION: 514
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: SYNTHETIC ANTISENSE
TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDES AND PHARMACEUTICAL COMPOSITIONS
TITLE OF INVENTION: CONTAINING THEM
NUMBER OF SEQUENCES: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Soreq, Hermona
APPLICANT: Seidman, Shlom
                                                                                                                                                                                                                                                                                      TELEPHONE: (2-)
                                                                                                                                                                                                        LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Kohn & Associates
STREET: 30500 No. 6110742thwestern Hwy.
CITY: Farmington Hills
STATE: Michigan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.2%;
Local Similarity 93.3%;
es 14; Conservative
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TOPOLOGY: Lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
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                              2892 AGGAGTGTAGGATGC 2906
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Eckstein, Fritz
                                                                Conservative
                                                                                                                                             mouse
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                                                                           0.2%;
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                                                                               Score 13.4; DB 1;
Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
                                                              Mismatches
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                                                                                              Length 20;
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RESULT 3077 US-08-903-139B-1

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US-08-990-065-10/c
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                                                                                                                                                                                                                                                                                                                 Sequence 10, Application US/08990065 Patent No. 6121046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/08903139B Patent No. 6114118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/031,443
PILING DATE: September 20, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Krieger, Paul E.
REGISTRATION NUMBER: 25,886
REGISTRATION NUMBER: 00162-3/
REFERENCE/DOCKET NUMBER: 00162-3/
TELECOMMUNICATION INFORMATION:
TELECHOME: 713-850-0909
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 713-850-0165
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Joe W. Templeton, Jianwei Feng, L. Garry Adams,
APPLICANT: Erwin Schurr, Philippe Groe, Donald S. Davis and Roger Smith
TITLE OF INVENTION: METHOD OF IDENTIFICATION OF ANIMALS
TITLE OF INVENTION: RESISTANT OR SUSCEPTIBLE TO DISEASES SUCH AS RUMINANT
TITLE OF INVENTION: BRUCELLOSIS, TUBERCULOSIS, PARATUBERCULOSIS AND SALMONELLOSIS
NUMBER OF SEQUENCES: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOPTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/903,139B
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                        APPLICANT: Soreq, Hermona
APPLICANT: Seidman, Shlom
APPLICANT: Eckstein, Frit
APPLICANT: Friedman, Alon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA
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                                                                                                                        APPLICANT: KAUÉE; DANIELA
TITLE OF INVENTION: SYNTHETIC ANTISENSE
TITLE OF INVENTION: OLIGODECXYNUCLECTIDES
TITLE OF INVENTION: CONTAINING THEM
                                                         NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEB: Kohn & As
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 77027-9095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
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                                          STREET:
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                                                                                                                                                                                                                                                                                                 INFORMATION:
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Parmington Hills
Michigan
                                                                                                                                                                                                                                                                                                                                                                                                                                                    GGCAGCAAGACAGAC 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: Pravel, Hewitt, Kimball & Krieger
1177 West Loop South, 10th Floor
                                        30500 No. 6121046thwestern Hwy.
                                                                                                                                                                                                          Seidman, Shlomo
Eckstein, Fritz
Friedman, Alon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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                                                                                                                                                AND PHARMACEUTICAL COMPOSITIONS
                                            Suite 410
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US-08-765-340-44
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
SOFTWARE: #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: othe HYPOTHETICAL: NO ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Montgomery, Ilene N.
REGISTRATION NUMBER: 38,972
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/850,347
FILING DATE: 02-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/318,826
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTWARE PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                       APPLICANT: UCHIDA, K.,
APPLICANT: UCHIDA, T.,
APPLICANT: TANAKA, Y.,
APPLICANT: MATSUDA, Y.,
APPLICANT: KONDO, S.
APPLICANT: KONDO, S.
APPLICANT: KONDO, S.
APPLICANT: CONDOUND
TITLE OF INVENTION: COMPOUND
TITLE OF INVENTION: COMPOUND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 01-JAN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Montgomery, Ilene I
                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/990,065
FILING DATE:
CLASSIFICATION: 514
                                                                                                                                                                           COUNTRY: U
ZIP: 10154
                                                                                                                                                                                                                STREET: 345 PARI
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Match 0.2%;
Local Similarity 93.3%;
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                                                                                                                                                                                                                                                        345 PARK AVENUE
                                                                                                                                                                                                USA
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                                                                                                                                                                                                                                                                          MORGAN & FINNEGAN, L.L.P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            other nucleic acid
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                                                                                                                                                                                                                                                                                                                   185
                    US/08/765,340
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Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                Version
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                                                                                                                                                                                                  US-09-444-053-27
                                                                                                                                                                                                                    RESULT 3081
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Sequence 27, Application US/09444053A
Patent No. 6165728
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Lex M. COWSET
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
FILE REFERENCE: RTS-0122
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 25, Application US/09444053A
Patent No. 6165728
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
FILE REFERENCE: RTS-0122
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 25
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
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Best Local (
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEPAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 44:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94
PILING DATE: 21.NOV-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: SERUNIAN, LESLIE REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5926 AGATGTCCACCTGGG 5940
                                                                                                                                                                                                                                                                                                         2004 АСАСССССАССАССАС 2018
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Similarity 93.3%;
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RER: 1452-4005
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Pred. No. 2.
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Pred. No. 2.4e+03;
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; OTHER INFORMATION: Antisense Oligonucleotide US-09-444-053-27
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US-08-928-941D-5/c
RESULT 3083
US-09-280-805-114
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                                                                                                                   Matches
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                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/928,941D
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1340-1-002 N CI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
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APPLICANT: Hirai, Hiroshi
APPLICANT: Sherr, Charles
                                                                                                                                                                                                                                                                              TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
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TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                       MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: CYCLIN-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
STREET: Ploor
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Local Similarity 93.3%;
es 14; Conservative
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New Jersey
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Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
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; Sequence 114, Application US/09280805

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RESULT 3084
US-09-101-8868-85
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                                                                                        Patent No. 6197507
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: BERG, THOMAS
APPLICANT: TOLLERSRUD, OLE K
APPLICANT: NILSSEN, OIVIND
TITLE OF INVENTION: GENETIC TEST FOR ALPHA-MANNOSIDOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 6184212
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APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,
FILING DATE: herewith
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 09/048,810 FILING DATE: March 26, 1998 ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: DISKETT
ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30
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                                                                                                                                                                                                      NUMBER OF SEQUENCES: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                STREET: 555 13TH CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
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                                                                                                           COUNTRY:
                                                                                                                                    STATE:
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                                                                                                                                                                   E: BARBARA G. ERNST
555 13TH STREET, NW
                                                                                                               USA
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Pred. No. 2.4e+03;
                                                                                                                                                                       SUITE 701E
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                                                            RESULT 3086
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                                             US-08-908-436-8
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SEQ ID NO 59
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Loc
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 59, Application US/09290640
Patent No. 6204055
GENERAL INFORMATION:
           Sequence 8, Applic Patent No. 6214572
                                                                                                                                                                           Matches
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                                                                                                                                                                                        Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling FILE REFERENCE: ISPH-0151
CURRENT APPLICATION NUMBER: US/09/290,640
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO:
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: ERNST, BARBARA G
REGISTRATION NUMBER: 30,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB97/00109
FILING DATE: 12-JAN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
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                                                                                                                              6923 AGAGCCTCTGGCTGC 6937
                                                                                                             15 AGAGCCTCTGGATGC 1
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                            Application US/08908436
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                                                                                                                                                                                                           DB 1;
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APPLICANT: APPLICANT:

YUAN, JUNYING WANG, SUYUE MIURA, MASAYUKI FISHMAN, JAY A.

APPLICANT:

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US-08-908-436-8
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/023,937
FILING DATE: 09-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: BUGAISKY, LAWRENCE B.
REGISTRATION NUMBER: 0609.4220001
REFERENCE/DOCKET NUMBER: 0609.4220001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2640
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 50, Application US/08836261A Patent No. 6221582
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: GIESENDORF, BELINDA
                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 6.0 / ASCII text output
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                              TITLE OF INVENTION: NEW POLYNUCLEIC ACID SEQUENCES FOR USE IN THE TITLE OF INVENTION: DETECTION AND DIFFERENTIATION OF PROKARYOTIC ORGANISMS NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                      APPLICANT: QUINT, WILHELMUS
APPLICANT: VAN DOORN, LEENDERT-JAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOPTWARE: Patentin Release #1.0, Version #1.30
PRIOR APPLICATION DATA:
                                                                                                                                                COUNTRY: USA
COUNTRY: USA
770: 77210-4433
                                                                                                                                                                                                                     ADDRESSEE: ARNOLD, WHITE & DURKEE STREET: P.O. BOX 4433
CITY: HOUSTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 1100 NEW CITY: WASHINGTON
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: FILING DATE: Herew
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                   APPLICATION NUMBER: FILING DATE: 25 Apr
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20 base pairs
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                 25 Apr 1997
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                                 US/08/836,261A
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Pred. No. 2.4e+03;
0; Mismatches 1;
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; TOPOLOGY: 1; MOLECULE TYPE: US-08-836-261A-60
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ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: INNS
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 6221582
GENERAL INFORMATION:
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                                                                                                                            REFERENCE/DOCKET NUMBER: INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/836,261A
FILING DATE: 25 Apr 1997
PRIOR APPLICATION UNMBER: PCT/EP95/04264
APPLICATION NUMBER: PCT/EP95/04264
FILING DATE: 30 Oct 1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/
FILING DATE: 30 Oct 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 9
                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE, Microsoft Word 6.0 / ASCII text output
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: QUINT, WILHELMUS
APPLICANT: VAN DOORN, LEENDERT-JAN
TITLE OF INVENTION: NEW POLYNUCLEIC ACID SEQUENCES FOR USE IN THE
TITLE OF INVENTION: DETECTION AND DIFFERENTIATION OF PROKARYOTIC ORGANISMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                 FILING DATE: 28 OCT 1994
ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: F. HOUSTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
hes 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                              NAME: KAMMERER, PATRICIA A. REGISTRATION NUMBER: 29,775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
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                                                      STRANDEDNESS:
                                                                                                                                                                                                                                      APPLICATION NUMBER:
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                                                                                          LENGTH:
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                                                                     nucleic acid
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                DNA (genomic)
                                                      single
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APPLICANT: Burrell, Paul
APPLICANT: Blackall, Linda
APPLICANT: Blackall, Linda
APPLICANT: Blackall, Linda
APPLICANT: Keller, Jurg
TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
TITLE OF INVENTION: MITRITE OXIDISING MICROORGANISMS OF THE
FILE REFERENCE: CULLN20.001AUS
CURRENT APPLICATION NUMBER: US/09/193,377B
CURRENT FILING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 31
LENGTH: 20
TYPE: NUMBER: 20
                                                                                                                                                                                                                                                                                                     APPLICANT: Keller, Jury
APPLICANT: Keller, Jury
TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
TITLE OF INVENTION: NITRITE OXIDISING MICROORGANISMS OF THE GENUS NITROSPIRA
FILE REFERENCE: CULLAUZO.001AUS
CURRENT APPLICATION NUMBER: US/09/193,377B
CURRENT FILING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: Nitrobacter
US-09-193-377B-37
RESULT 3091
US-09-313-932-69/c
psequence 69, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
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US-09-193-377B-31/c
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US-09-193-377B-37/c
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APPLICANT: Burrell,
APPLICANT: Blackall
APPLICANT: Keller,
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Best Local
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Best Local :
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Local Similarity 93.3%;
hes 14; Conservative (
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Blackall, Linda
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Pred. No. 2.4e+03;
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; APPLICANT: Bennett, C. Frank
; APPLICANT: Bennett, Madeline M.
; APPLICANT: Shutler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 69
; LENGTH: 20
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                                                                                                                                                                                                                                                RESULT 3093
US-09-313-932-151/c
                                                                                                                                                                                    Sequence 151, Application US/09313932A Patent No. 6228642 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Butner, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT FILING DATE: 199-05-18
NUMBER OF SEQ ID NOS: 501

FENCH. 20
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Best Local (
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APPLICANT: Baker, Brenda
APPLICANT: Betnett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
TITLE OF INVENTION EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                              7 Match 0.2%; Score 13.4; DB 1; Local Similarity 93.3%; Pred. No. 2.4e+03; les 14; Conservative 0; Mismatches 1;
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; OTHER INFORMATION: Synthetic US-09-313-932-153
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; OTHER INFORMATION: Synthetic US-09-313-932-152
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APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Loc
Matches
                                                                               FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 153
LENGTH: 20
                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                           Sequence 153, Application US/09313932A Patent No. 6228642
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS:
SEQ ID NO 151
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Best Local Similarity
                                                                                                                                                                                      APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/313,932A CURRENT FILING DATE: 1999-05-18 NUMBER OF SEQ ID NOS: 501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                    TYPE: DNA
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Pred. No. 2.
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Pred. No. 2.4e+03;
0; Mismatches 1
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APPLICANT: Barer, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, Radeline M.
APPLICANT: Shanahan, William R.
ITITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF
ITITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILLING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 491
LENGTH: 20
TYPE: NAA
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SEQ ID NO 154
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PERTURE:
OTHER INFORMATION: Synthetic
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US-09-313-932-154/c
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Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanshan, William R.
APPLICANT: SANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CUERENT APPLICATION NUMBER: US/09/313,932A
CUERENT FILING DATE: 1999-05-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 491, Applic Patent No. 6228642 GENERAL INFORMATION:
                                                                       Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative (
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Best Local S
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Best Local Similarity
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CAGATAAATATTTTA 20
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Pred. No. 2.4e+03;
                                                                                             Score 13.4; DB 1
Pred. No. 2.4e+03
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                                                       Query Match
Best Local Similarity
Matches 14; Conserv
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APPLICANT: PROCHLER, BRIAN
APPLICANT: JONES, ROBERT J.
APPLICANT: JONES, ROBERT J.
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLECTIDES CONTAINING MODIFIED
TITLE OF INVENTION: PYRIMIDINES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (415) 494-079
TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
PILING DATE: 25-AUG-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
FILING DATE: 14-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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LOCATION: 6
OTHER INFORMATION: /note=
OTHER INFORMATION: methyl
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                                                          Conservative
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                                                                                                                                   /note= "This position is C' methyl cytosine."
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Pred. No. 2.
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NUMBER OF SEQ ID NOS: 89
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Antisense Oligonucleotide US-09-560-594-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 20, Application US/09560594
Patent No. 6242590
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 665, Application US/09021701 Patent No. 6251588
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION UNMEER: 36,697
REFERENCE/DOCKET NUMBER: 1097
TELECOMMUNICATION INFORMATION:
                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/021,701 FILING DATE: 10-FEB-1998
                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                  SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Methods for eva-
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nes 14; Conservative
                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
TOPOLOGY: lir
                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94304
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                                                                                                                   TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
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3000 Hanover Street
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                                                                                                      650-852-8063
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Webb, Peter G.
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                                                                                                                     650-236-2386
              single
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93.3%;
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Pred. No. 2.4e+03;
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; HYPOTHETICAL:
; ANTI-SENSE: N
US-09-021-701-665
US-09-021-701-726; Sequence 726, Application US/09021701; Patent No. 6251588
                                            RESULT 3102
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Best Local Similarity
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APPLICANT: Shannon, Karen W.
APPLICANT: Wobber, Paul K.
APPLICANT: Webb, Peter G.
APPLICANT: Webb, Peter G.
APPLICANT: Wincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: Drobe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                 MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: PROPERM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
                                                                                                                                                           Local
                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 10-FEB-1998 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Palo Alto
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                                                                                                                6170 CATAAAGGAAAAAGA 6184
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                                                                                                                                                           Similarity
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3000 Hanover Street
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Pred. No. 2.4e+03;
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RESULT 3103
US-09-021-701-1069/c
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Best Local Similarity 93.3%;
Matches 14; Conservative (
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
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INFORMATION FOR SEQ ID NO:
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APPLICANT:
APPLICANT:
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APPLICANT: Kincaid, Robert H.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: probe seq
TITLE OF INVENTION: probe seq
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NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10
                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                         APPLICANT: Shannon, Karen W. APPLICANT: Wolber, Paul K. APPLICANT: Delenstarr, Glend
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HYPOTHETICAL:
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COMPUTER READABLE FORM:
                                                                                                                              NUMBER OF SEQUENCES:
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                                                             CITY: Palo Alto
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                                                                                              ADDRESSEE:
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3000 Hanover Street
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Wolber, Paul K.
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Pred. No. 2
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                                                                                              Legal Department, Hewlett-Packard Company M/S 20
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US-09-021-701-1070/c
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1070,
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATE:
APPLICATION UNMBER: US/09/021,701
PILING DATE: 10-FEB-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
TELEFAX: 650-852-8063 INFORMATION FOR SEQ ID NO:
                                   CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 1097
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
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ATTORNEY/AGENT INFORMATION:
NAME: Chol, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
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APPLICANT:
APPLICANT:
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MEDIUM TYPE: Plopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DCS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
PILING DATE: 10-FEB-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
ATTILE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
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APPLICANT:
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HYPOTHETICAL: NO
ANTI-SENSB: NO
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STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 94304
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STREET: 3000 Hanover Street
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Wolber, Paul K.
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                                                                               10971464-1
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                                                                                                                   US-09-021-701-1071
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                                                             Matches
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                                                                        Query Match
Best Local
                                                                                                                                                                                                                   TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 1097
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HYPOTHETICAL: 10
                                                                                                                                   MOLECULE TYPE: C
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 10-FEI CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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CITY: Palo Alto
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TOPOLOGY: lin
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                                1990 GGAGCAGATGTTACA 2004
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   18
                                                            14;
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6251588
                                                                           Similarity
                                                                                                                                                                                                             nucleic acid
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   GGAGCAGATGATACA
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3000 Hanover Street
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                                                             Conservative
                                                                                                                                                                                linear
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                                                                          Score 13.4; DB 1;
Pred. No. 2.4e+03;
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                                                             Mismatches
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US-09-021-701-1072/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-021-701-1072
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Choi, Wendy A.

REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEPAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 1072:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                   Sequence 1073, Application US/09021701 Patent No. 6251588
                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Shannon
APPLICANT: Wolber
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                  APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
ORDER TOTAL NUMBER: 12/06/01-701
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/021,701 FILING DATE: 10-FEB-1998 CLASSIFICATION:
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STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
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o. 6251588
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    Records Manager, Legal Department, Hewlett-Packard Company M/S 20
3000 Hanover Street

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Wolber, Paul K.
Delenstarr, Glenda C.
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Wolber, Paul
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Pred. No. 2.
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                                                                                      COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.2%; Score 13.4;
Best Local Similarity 93.3%; Pred. No. 2.
Matches 14; Conservative 0; Mismatche
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APPLICANT: Shanno
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TELEPHONE: 650-236-2386
TELEPAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 1073
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Webb, Peter G.

APPLICANT: Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENLIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
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ANTI-SENSE: NO
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NAME: Chol, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10
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MEDIUM TYPE: Floppy
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STATE: CA
COUNTRY: USA
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CITY: Palo Alto
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                                                                             CLASSIFICATION:
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3000 Hanover Street
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US-09-191-240-3/c
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                                                              Query Match
Best Local S
Matches 14
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                                                             TELEFAX: (617) 861-954
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Bulawa, Christine
TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF
TITLE OF INVENTION: FUNGAL PATHOGENICITY
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAWILTON, BROOK, SMITH & REYNOLDS, P.C.
                                                                                                                                                                                                                                                           NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REGERENCE/DOCKET NUMBER: MYC93-08
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FO-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: 650-236-2386
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                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/202,990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: Two Mil:
CITY: Lexington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
                                                                                                                                                           LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 02173
                                                              0.2%;
Local Similarity 93.3%;
1es 14; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/191,240
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                                                                                                                                                TOPOLOGY: linear
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                      CTGGTGGGACAGTTT 6570
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   CTGGTGGCACAGTTT 6
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                                                                                                                                                                                                                              : (617)
(617) 861-9540
Th NO: 3:
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Pred. No. 2.4e+03;
                                                                               Score 13.4; DB 1;
Pred. No. 2.4e+03;
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                                                                 Mismatches
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                                                                                                Length 20;
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OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-81
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                                                                                                                                                                            US-09-489-869-61
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                                                                                                                          Sequence 61, Application US/09489869A Patent No. 6268151
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 93.3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 6261840 GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Lex M. Cowse:
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANT.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/488,857B
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Lex M. Cowse
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANT
      APPLICANT: Susan Murray
APPLICANT: Lex M. Cowsert
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RTS-0110
CURRENT APPLICATION NUMBER: US/09/489,869A
CURRENT FILING DATE: 2000-01-20
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5629 CAAGGAAGTGCTTGG 5643
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Pred. No. 2.4e
0; Mismatches
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Pred. No. 2.4e+03;
0; Mismatches 1
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RESULT 3114
US-09-240-473-7/c
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APPLICANT: Lex M. Cowsert
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RTS-0110
CURRENT APPLICATION NUMBER: US/09/489,869A
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 88
SEQ ID NOS: 88
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                     sequence 7, Application US/09240473
Patent No. 6297011
GENERAL INFORMATION:
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Patent No. 62681
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Best Local Similarity
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ORGANISM: Artificial Sequence
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC comparible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/240,473
FILING DATE:
                                                                                                                                                                                                                                                                        APPLICANT: Greenspan, Daniel S
APPLICANT: Takahara, Kazuhiko
APPLICANT: Takahara, Kuzuhiko
APPLICANT: Hoffman, Guy G
TITLE OF INVENTION: Mammalian Tolloid-Like Protein
NUMBER OF SEQUENCES: 13
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                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                      CITY: Madison
STATE: WI
                                                                                                                                                 COUNTRY: U
                                                                                                                                                                                                                         STREET:
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1 South Pinckney Street
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Pred. No. 2.
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US-09-280-590A-5
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US-09-280-590A-5/c
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Best Local Similarity 9
warches 14; Conservati
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TELEPAX: 608-251-9166
TELEPAX: 608-251-9166
INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
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GENERAL INFORMATION:
                                                                                                                                                                                     TELEPHONE: 201-487-5800
TELEPAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide primer"
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REFERENCE DOCKET NUMBER: 96
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,590A
FILING DATE: 29-Mar-1999
CLASSIFICATION: CUNknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Egg., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1340-1-002 N CP2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
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HYPOTHETICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Bodner, Sarah M.
TITLE OF INVENTION: CYCLIN-D BINDING FACTOR, AND USES THEREOF
                                                                       MOLECULE TYPE: other nucleic acid
                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
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Sherr, Charles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1029 GATGAAGAGGAAGTA 1043
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                                                                                                         LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Hackensack
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 411 Hackensack Ave, Continental Plaza, 4th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: David A. Jackson,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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93.3%; Pred. No. 2.4e+03;
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; DESCRIPTION:
US-08-957-351-17
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US-08-957-351-17/c
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                                                                                                                                                                RESULT 3117
US-09-019-160-50
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Best Local Similarity 93.3%;
                                                                                                                                  Sequence 50, Application US/09019160 Patent No. 6306588
                                                                                                                                                                                                                                                                                       Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Semina, Elena
APPLICANT: Murray, Jeffrey C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 617-832-7000 INFORMATION FOR SEQ ID NO:
                                                                                                                      GENERAL INFORMATION:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: ATHOLd, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: UIA-024.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/957,351 FILING DATE: 24-OCT-1997 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 02109-2170
                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH:
                                                                                                                                                                                                                                             5075 GAGAGTGATGCTAAC 5089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 15
                                                                                                                                                                                                                                                                                      14;
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                                                                                                                                                                                                                            GAGAGTGATGATAAC 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                      20 base pairs
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                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                             other nucleic acid
/desc = "oligonucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF CATARA
                                                                                                                                                                                                                                                                                                    0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Version
                                                                                                                                                                                                                                                                                                                   DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CATARACTS
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                                                                                                                                                                                                                                                                                                                                                                                   Sequence 41,
Patent No. 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/019,160
                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Williams, Mark E.
APPLICANT: Stauderman, Kenneth A.
APPLICANT: Harpold, Michael M.
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0942
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/037,393
FILING DATE: 07-FEB-1997
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C
STREET: 1100 New York Ave., N.W., Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
SOFTWARE: FastSEQ Version 1.5 CURRENT APPLICATION DATA:
                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
                                                                                                              STREET: 4250 Execut
CITY: La Jolla
STATE: California
COUNTRY: US
ZIP: 92037
             COMPUTER: IBM CON
OPERATING SYSTEM:
SOFTWARE: FastSE(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: (TO ) FILING DATE: 06-JAN-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
TOPOLOGY: bot
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                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5970 АСАССААСТСАССТС 5984
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    Application US/08984709A
6320032

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                                       PB: Diskette
IBM Compatible
SYSTEM: DOS
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                                                                                                                                                                                             Heller Ehrman White & McAuliffe 50 Executive Square, Suite 700
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                                                                                                                                                                                           Square,
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Pred. No. 2.4e+03;
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RESULT 3120
US-08-829-637A-115/c
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US-09-657-042A-73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 3119
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-657-042A-73/c
                                                   GENERAL INFORMATION:
APPLICANT: C. Fran
APPLICANT: Phillip
APPLICANT: Nichola
APPLICANT: Glenn H
                                                                                                                                   Sequence 115, Application US/08829637A Patent No. 6339066
                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 73
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 73, Application US/09657042A Patent No. 6329203
                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: C. Frank Ben
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REPERENCE: RTS-0148
CURRENT APPLICATION NUMBER: US/09/657,042A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 3,779
REFERENCE/DOCKET NUMBER: 24735-9815 (formerly 6362-9815)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 450-8400
TELEPAX: (619) 587-5360
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
   TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: HYPOTHETICAL: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
                                                                                                                                                                                                                                                        5063 CAAGTGCCTAAAGAG 5077
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                                                                C. Frank Bennett
Phillip Dan Cook
Nicholas Dean
                                                                                                                                                                                                                                                                                                  Conservative
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                                                    Glenn Hoke
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Frank Bennett
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OLIGONUCLEOTIDES WHICH HAVE PHOSPHOROTHIOATE LINKAGES OF HIGH CHIRAL PURITY AND WHICH MODULATE aI, aII, , k, n, AND ISOFORMS OF
                                                                                                                                                                                                                                                                                                                0.2%;
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Pred. No. 2.4e
1; Mismatches
                                                                                                                                                                                                                                                                                                                  Score 13.4; DB 1;
Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                  Mismatches
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                                                                                                                                                                                                                                                                                                                                   DB 1;
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   ISOFORMS OF
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US-08-829-637A-115
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APPLICATION NUMBER: US 08/481,066

FILING DATE: 07-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/470,129

FILING DATE: 06-JUN-1995

PRIOR APPLICATION NUMBER: US 08/469,851

APPLICATION NUMBER: US 08/469,851

APPLICATION NUMBER: US 08/468,569

FILING DATE: 06-JUN-1995

PRIOR APPLICATION NUMBER: US 07/089,996

FILING DATE: 09-JUL-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/058,023

FILING DATE: 05-MAY-1993

PRIOR APPLICATION NUMBER: US 07/777,007

FILING DATE: 16-OCT-1991

PRIOR APPLICATION NUMBER: US 07/777,760

FILING DATE: 15-OCT-1991

PRIOR APPLICATION DATA:
                                                                                                                                                                                                TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 13-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,358
                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/566,977
PILING DATE: 13-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 07/852,852
FILING DATE: 16-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/0024:
FILING DATE: 11-JAN-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: John W. Caldwell (28,937) Woodcock
ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                            TOPOLOGY:
ANTI-SENSE:
                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                             REGISTRATION NUMBER: IS
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION: INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/829,637A FILING DATE: herewith CLASSIFICATION: 514
                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                               LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                 11-JAN-1990
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Query Match Best Local Similarity

0.2%;

Score 13.4; DB 1; Pred. No. 2.4e+03;

Length 20;

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TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION FILE REPERRNCE: RTS-0137; CURRENT APPLICATION NUMBER: US/09/629,645A; CURRENT FILING DATE: 2000-07-31; NUMBER OF SEQ ID NOS: 164

LENGTH: 20
TYPE: NOW.
                                                                                                                                                                                                                                                            RESULT 3122
US-09-629-645A-24
; Sequence 24, Application US/09629645A
; Patent No. 6365354
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
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CURRENT FILING DATE: 1999-01-15
PRIOR APPLICATION NUMBER: 08/507,032
PRIOR FILING DATE: 1995-07-31
PRIOR APPLICATION NUMBER: 08/228,944
PRIOR FILING DATE: 1994-04-18
PRIOR APPLICATION NUMBER: 07/749,385
PRIOR APPLICATION NUMBER: 07/749,385
PRIOR APPLICATION NUMBER: 08/260,174
PRIOR FILING DATE: 1991-06-13
PRIOR FILING DATE: 1994-06-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-232-346-56
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                                                     US-09-629-645A-24
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SEQ ID NO 56
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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Patent No. 6352830
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Query Match
Best Local Similarity
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PRIOR FILING DATE: 1993-09-20
NUMBER OF SEQ ID NOS: 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Crabtree, Gerald R.
APPLICANT: No. 6352830throp, Jeffrey P.
APPLICANT: Ho, Steffan M.
APPLICANT: Flanagan, William M.
APPLICANT: Flanagan, William M.
TITLE OF INVENTION: NF-AT POLYPEPTIDES AND POLYNUCLEOTIDES AND SCREENING TITLE OF INVENTION: METHODS FOR IMMUNOSUPPRESSIVE AGENTS
FILE REFERENCE: APV-008.04
                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Unknown
                                                                   OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                              3278 AAGAAGAAAAATGAA 3292
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0.2%;
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Pred. No. 2.
Score 13.4; DB 1;
Pred. No. 2.4e+03;
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                Length 20;
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APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION

FILE REFERENCE: RTS-0137

CURRENT APPLICATION NUMBER: US/09/629,645A

CURRENT FILING DATE: 2000-07-31

NUMBER OF SEQ ID NOS: 164

SEQ ID NO 31

LENCTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER TWO----
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                                                                                         RESULT 3125
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US-09-561-497-74/c
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                                                                         US-09-561-497-75/c
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APPLICANT: Brenda F. Baker
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INFENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
                                                                                                                                                                                                                                                                                             SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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                             GENERAL INFORMATION:
                                          Sequence 75, Application US/09561497 Patent No. 6372433
                                                                                                                                                                                                  Best Local
Matches 1
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Best Local
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CURRENT APPLICATION NUMBER: US/09/561,497
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 88
              APPLICANT:
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Local Similarity 93.3%;
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Brenda F. Baker
C. Frank Bennett
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Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
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APPLICANT:

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TITLE OF INVENTION: ANTISENSE MODULATION O.
FILE REFERENCE: RTS-0149
CURRENT APPLICATION NUBBER: US/09/561,497
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 75
LENGTH: 20
TYPE: FXX.
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US-09-702-251-67/c
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                                    SOFTWARE: P
SEQ ID NO 5
LENGTH: 20
                                                                                  GENERAL INFORMATION:

APPLICANT: METALLINOS, DANIKA

APPLICANT: RINE, JASPER

APPLICANT: RINE, JASPER

APPLICANT: RINE, JASPER

APPLICANT: BOWLING, ANN

TITLE OF INVENTION: HORSE ENDOTHELIN-B RECEPTOR GENE AND GENE PRODUCTS

FILE REFERENCE: GOBR-110

CURRENT APPLICATION NUMBER: US/09/175,658B

CURRENT APPLICATION NUMBER: 60/062,562

PRIOR APPLICATION NUMBER: 60/062,562

PRIOR APPLICATION NUMBER: 1997-10-21

NUMBER OF SEQ ID NOS: 25

NUMBER OF SEQ ID NOS: 25
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Best Local S
Matches 14
                                                                                                                                                                                                                                                                                                          Sequence 5, Application US/09175658B Patent No. 6372900
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APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
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Patent No. 6372492
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Best Local Similarity 93.3%;
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CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
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TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
FILE REFERENCE: RTS-0199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
TYPE: DNA ORGANISM: Artificial Sequence
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Similarity 93.3%;
14; Conservative
                                                                              PatentIn Ver. 2.1
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Pred. No. 2.4e
0; Mismatches
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Pred. No. 2.4e+03;
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Best Local Similarity
Matches 14; Conserv
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Patent No. 6
                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Ve:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,738A
FILING DATE: 12-FEB-196
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION UNMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION UNMBER: US 07/965,941
APPLICATION NUMBER: US 07/965,941
APPLICATION USBER: US 07/965,941
APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
                                                       FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
ANDER APPLICATION: 536
ATTORNEY/AGENT INFORMATION:
ANDER ADDRESSIFICATION: 536
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APPLICANT:
APPLICANT:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS: GILEAD SC
ADDRESSEE; GILEAD SC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                  NAME: MUENCHAU, DARY REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 353 Lakeside Drive CITY: Foster City
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MATTEUCCI, MARK
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162.302
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Pred. No. 2.4e+03;
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RESULT 3130
US-09-167-109-50/c
; Sequence 50, Application US/09167109
; Patent No. 6399297
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 22, Application US/09689255C Patent No. 6395544 GENERAL INFORMATION:
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Best Local 9
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Best Local Similarity
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF BCAS1 EXPRESSION
FILE REFERENCE: RTS-0171
FILE RE
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ORGANISM: Artificial Sequence
PEATURE:
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LOCATION: 17
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(415) 573-4899
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5-methyl-2'-deoxycytidine."
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5-methyl-2'-deoxycytidine."
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5-methyl-2'-deoxycytidine."
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Pred. No. 2
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CURRENT APPLICATION NUMBER: US/09/798,096
CUBRENT FILING DATE: 2001-03-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                             RESULT 3132
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                                                                PATENT NO. 6410324
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
APPLICANT: AND ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS
TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS
FILE REFERENCE: RTS-0216
CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
                                                                                                                                                                                                               Sequence 49, Applicate Patent No. 6399378 GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserv
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Matches
                                                            SEQ ID NO 45
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APPLICANT: Cowsert, Lex M.
APPLICANT: Monia, Brett P.
APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION FILE REFERENCE: ISPH-0321
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL2 EXPRESSION
FILE REFERENCE: RTS-0207
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                          Application US/09844634
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llarity 93.3%;
Conservative
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Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
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FEATURE:

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US-08-744-481A-52/c

; Sequence 52, Application US/08744481A
; Patent No. 6428955
; GENERAL INFORMATION:
    APPLICANT: K ster, Hubert
    TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ś
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              닭
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: antisense sequence US-09-506-073-15
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LENGTH: 20
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APPLICANT: Monia, Brett P.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
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Best Local Similarity
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Best Local
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Patent No. 6410518
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CURRENT FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILING DATE: 1998-08-28
EARLIER APPLICATION NUMBER: PCT/US98/13961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EARLIER APPLICATION NUMBER: US 08/756,806
EARLIER FILING DATE: 1996-11-26
EARLIER APPLICATION NUMBER: PCT/US95/07111
EARLIER FILING DATE: 1995-05-31
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER FILING DATE: 1994-05-31
NUMBER OF SEQ ID NOS: 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                EARLIER FILING DATE: 1998-07-06
EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER FILING DATE: 1997-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: artificial sequence FEATURE:
           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            / Match 0.2%;
Local Similarity 93.3%;
tes 14; Conservative
                                                                                                                            COUNTRY: USA
ZIP: 92037-9103
                                                                                                                                                                                          CITY: La Jolla
                                                                                                                                                                                                              STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5936 CTGGGCTGGACTGCC 5950
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                                                                                                                                                                      California
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                                                                                                                                                                                                              E: HELLER EHRMAN WHITE & MCAULIFFE 4250 Executive Square, Suite 700
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Pred. No. 2.4e+03;
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US-09-907-843-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE:
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
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REFERENCE/DOCKET NUMBER: 24736-2004
TELECOMMUNICATION INCORMATION:
TELEPHONE: (617)450-8400
TELEPAX: (617)587-5360
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                             0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.4e+03; Matches 14; Conservative n. wi-
             Sequence 18, Application US/09907843
Patent No. 6440739
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 12, Application US/09341444A Patent No. 6440666
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/341,444A
CURRENT FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: PCT/NL98/00021
PRIOR FILING DATE: 1998-01-12
PRIOR APPLICATION NUMBER: EP 97200070.7
PRIOR FILING DATE: 1997-01-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Groenen, Martinus Antonius Mathilda AppLICANT: Albers, Gerardus Antonius Arnoldus TITLE OP INVENTION: Selection For Dwarfism in FILE REFERENCE: 310-1009
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS:
TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: OTHER INFORMATION:Oligonucleotide primer
                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Unknown FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMER: 08/617;
APPLICATION WASHER: 18, 1996
FILING DATE: March 18, 1996
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: CDNA
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                   6435 ATTTAGCTAAGCAGC 6449
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                                                                  ; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-658-679A-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/658,679A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 31
LENGTH: 20
                                                                                                                                                       APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2
FILE REFERENCE: RTS-0186
CURRENT APPLICATION NUMBER: US/09/658,679A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 32
LENGTH: 20
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Patent No. 6444464

GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
FILE REFERENCE: RTS-0.186

FILE REFERENCE: RTS-0.186
                                                                                                                                                                                                                                                                                                                Sequence 32, Application US/09658679A
Patent No. 6444464
GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local
Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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CURRENT APPLICATION NUMBER: US/09/907,843
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 87
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ORGANISM: Artificial Sequence
PEATURE;
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
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 Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1
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Pred. No. 2.4e+03;
0; Mismatches 1;
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                                   Length 20;
   Indels
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Sequence 79, Application US/09851062
Patent NO. 6448081
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: SUBAN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF INT
FILE REFERENCE: RTS-0247
CURRENT APPLICATION NUMBER: US/09/851,062
CURRENT FILING DATE: 2001-05-07
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US-09-676-610B-182/c
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                                                                                                     RESULT 3141
US-09-517-467B-229/c
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                                                                                                                                                                                                                                                                                                               , OTHER INFORMATION: Antisense Oligonucleotide US-09-851-062-79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         片
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                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 87
SEQ ID NO 79
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION FILE REPERENCE: RTS-0138
CURRENT APPLICATION NUMBER: US/09/676,610B
CURRENT FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 182
SEQ ID NO 182
LENGTH: 20
TYPE: DNA
                                                  Sequence 229, Application US/09517467B Patent No. 6451602 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 182, Application US/09676610B Patent No. 6444465
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                               Matches 14;
                                                                                                                                                                                                                                                            Query Match 0.2%;
Best Local Similarity 93.3%;
APPLICANT: IAN POPOSS
APPLICANT: Lex M. COWSETT
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Match 0.2%;
Local Similarity 93.3%;
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                                                                                                                                                                                                                                                                Score 13.4; DB 1;
Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
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RESULT 3142
US-09-091-952A-171
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CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 229
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                       TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 171:
SEQUENCE CHARACTERISTICS:
                                                                                              APPLICATION NUMBER: US 60/029,278
FILING DATE: 28-OCT-1996
APPLICATION NUMBER: PCT/US97/19381
FILING DATE: 28-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 015280-297100US
TELECHONE: (415) 576-0200
TELECAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOPTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/091,952A
FILING DATE: 19-Apy-1999
CLASSIFICATION: CURKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Chromosomal Markers and Diagnostic
Tests for Manic-Depressive Illness
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
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ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: San Francisco
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Application US/09091952A
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Sanders, Alan R.
Esterling, Lisa P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Detera-Wadleigh, Sevilla D. Gershon, Elliot S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Berrettini, Wade H.
Yoshikawa, Takeo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Goldin, Lynn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Badner, Judith A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gershon,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Lisa E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
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LOCATION: 1...20
OTHER INFORMATION:
SEQUENCE DESCRIPTION: SE
US-09-091-952A-171
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; Sequence 97, Application US/09690364
; Patent No. 6468795
                                                   APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A COI
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR TH
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 199953USOXDIV
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR PILING DATE: 1000-04-20
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
NUMBER OF SEQ ID NOS: 70
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US-09-725-265-32/c
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SUP I NO 32
SEQ ID NO 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: RTS-0190
CURRENT APPLICATION NUMBER: US/09/690,364
CURRENT FILING DATE: 2000-10-17
NUMBER OF SEQ ID NOS: 100
SEQ ID NO 97
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KURAGAWA, TAKAHI
APPLICANT: KAMAGAWA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 32, Appli
Patent No. 6492121
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Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF APAF-1 EXPRESSION
FILE REFERENCE: RTS-0190
                                       SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2251 TATGAGCTACTGGCC 2265
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KAMAGATA, YOICHI
YAMADA, KAZUTAKA
YOKOMAKU, TOYOKAZU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY:
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KOYAMA, OSAMU
                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/09725265
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Pred. No. 2.4e+03;
0; Mismatches 1;
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                                                                                                                                                                                                                               CONCENTRATION OF TARGET NUCLEIC ACID THE METHOD, AND METHOD FOR ANALYZING
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CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT PILING DATE: 2000-11-29
FRIOR APPLICATION NUMBER: US 09/556,127
FRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-30
SOPTWARE: Patentin version 3.1
SEQ ID NO 33
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                       RESULT 3146
US-09-725-265-37/c
           GENERAL INFORMATION:

APPLICANT: KURANE, TAKAHIRO
APPLICANT: KAMAGAWA, TAKAHIRO
APPLICANT: KAMAGAWA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSANU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: MCTHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: MCCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 33, Application US/09725265
Patent No. 6492121
GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                              Sequence 37, Application US/09725265 Patent No. 6492121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 14;
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: KURANE, RYUICHIRO APPLICANT: KANAGAWA, TAKAHIRO APPLICANT: KANAGAWA, TOCHI APPLICANT: YAMADA, KAZUTAKA APPLICANT: YAKOMAKU, TOYOKAZU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 199953USOXDIV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
CURRENT APPLICATION NUMBER: US/09/725,265
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Pred. No. 2.4e+03;
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RESULT 3148 US-09-659-845A-148

Sequence 148, Application US/09659845A Patent No. 6492170

; GENERAL INFORMATION: ; APPLICANT: Hong Zhang ; APPLICANT: ANDREW T. WALE ; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION

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CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
VUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin version 3.1
SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
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; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-38
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                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin version 3.1
SEQ ID NO 38
LENGTH: 20
                                                                             Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.4e+03; Matches 14; Conservative 0; Mismatches 1;
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CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR PILING DATE: 1999-04-20
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APPLICANT: KOYAMA, OSAMU

APPLICANT: FURUSHO, KENTA

TITLE OP INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID

TITLE OP INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING

TITLE OF INVENTION: THE METHOD
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APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 199953USOXDIV
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                                        6685 TITTTATTATATA 6699
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APPLICANT: Lex M. Cowsert
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Mobert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF PT
FILE REFERENCE: ISPH-0478
CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
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Best Local Similarity
Watches 14; Conserva
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US-09-629-644A-81
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CURRENT APPLICATION NUMBER: US/09/659,845A
CURRENT FILING DATE: 2001-07-23
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 148
LENGTH: 20
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LENGTH: 20
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                      Sequence 81, Application US/09629644A Patent No. 6602857
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APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Robert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: ISPH-0478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 242
PRIOR FILING DATE: 2000-01-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Conservative
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Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
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                                                                                        PTP1B EXPRESSION
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US-09-657-346A-142/c
Sequence 142, Application US/09657346A
; Patent No. 6503754
; PATENT NO. 6503754
; APPLICANT: Hong Zhang
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0135
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; Sequence 125, Application
; Patent No. 6503754
; GENERAL INFORMATION:
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                                                                  US-09-657-346A-142
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                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 142
LENGTH: 20
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Best Local Similarity
Matches 14; Conserv
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SEQ ID NO 125
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SEQ ID NO 81
LENGTH: 20
TYPE: DNA
Query Match
Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
Matches 14; Conserv
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CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT FILING DATE: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Antisense Oligonucleotide
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OTHER INFORMATION:
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                 Score 13.4; DB 1;
Pred. No. 2.4e+03;
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Pred. No. 2.4e+03;
   Mismatches
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APPLICANT: SUSAN M. Freder

APPLICANT: JACQUEINE WYSTE

TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION

FILE REFERENCE: RTS-0127

CURRENT APPLICATION NUMBER: US/09/668,313A

CURRENT FILING DATE: 2000-09-22

NUMBER OF SEQ ID NOS: 247

SEQ ID NO 143

LENGTH: 20

TYPE; no.
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                                                                                                                          US-09-422-978-4350
                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                           Best Loc
Matches
                                                                                                                                                                                                                                             EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4350,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No. 65377
                                                                                          Query Match
                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
                                                                                                                    FEATURE:
NAME/KEY: primer bind
LOCATION: 1..20
OTHER INFORMATION: upstream amplification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                  ORGANISM: Homo Sapiens
                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                  ENGTH: 20
                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1115 CTGTGGAGTGCACAG 1129
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                 TTAAGAAGAAAAATG 3290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/09422978
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                                                             Conservative
                                                                        0.2%;
93.3%;
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Pred. No. 2.4e+03;
0; Mismatches 1;
                                                                            Score 13.4; DB 1;
Pred. No. 2.4e+03;
                                                             Mismatches
                                                                                                                                       primer 99-14704 for
                                                                                                                                                                                                                                                                                                                                                                                                                       in constructing a high density..
                                                                                          Length 20;
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                                                             Indels
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APPLICANT: COhen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumenkev, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.02CCP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
FEARLIER FILING DATE: 1998-04-21
NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6679
IENCITH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumakov, Ilya
ITITLE OF INVENTION: Biallelic markers for us
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5598
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Homo Sapiens
; PEATURE:
; PEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-5468 for SEQ 1664, US-09-422-978-5598
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-422-978-5598/c
; Sequence 5598; Application US/09422978
; Patent No. 6537751
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                                                                                    US-09-422-978-6679
Query Match
Best Local S
Matches 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                       LOCATION: 1..20 OTHER INFORMATION: upstream amplification primer 99-16754 for
                                                                                                                         FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4596 TCATTTTTTCCTGC 4610
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                      Similarity
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    Conservative
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                      0.2%;
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Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1;
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Pred. No. 2.
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                                            Length 20;
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      Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: downstream amplification primer 99-913 for SEQ 2190, US-09-422-978-10055
                                                                                             US-09-422-978-11370
                                                                                                                                                                                                                                              SEQ ID NO 11370
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 11370, Application US/09422978 Patent No. 6537751
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LENGTH: 20
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APPLICANT: Cohen, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 10055, Application US/09422978 Patent No. 6537751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT ETLING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 66/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
                                Best
                                                  Query Match
                                                                                                                                                                                                                                                                                                           CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
LOCATION: 1..20
                                                                                                                                    FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
                                                                                                                                                                                                ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo Sapiens
                                                                                                             OTHER INFORMATION: downstream amplification primer 99-4692 for SEQ 3505, in compleme
y matcn 0.2%;
Local Similarity 93.3%;
hes 14; Conservative
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    Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1;
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                                             Length 20;
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      Gaps
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                                       US-09-549-949B-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 115
LENGTH: 20
TYPE: DNA
                                                                                                                           SOPTWARE: PatentIn Ver. 3.0
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 93.3
                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Shigemori, Yasushi
APPLICANT: Oishi, Michio
                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 8, Application US/09549949B Patent No. 6541226
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Query Match
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                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/549,949B CURRENT FILING DATE: 2000-04-14 PRIOR APPLICATION NUMBER: UP 11/106710 PRIOR FILING DATE: 1999-04-14 NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Method for specifically cleaving double-stranded DNA TITLE OF INVENTION: and kit for the method FILE REFERENCE: 032567-015
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 08/478,178
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR FILING DATE: 1993-07-09
PRIOR APPLICATION NUMBER: US 07/852,852
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: ISIS4954
CURRENT APPLICATION NUMBER: US/10/025,139
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 08/829,637
PRIOR FILING DATE: 1997-03-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 1992-03-16
NUMBER OF SEQ ID NOS: 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Bennett
                                                                                    FEATURE:
NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                        LOCATION: (1). (20)
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5456 ATGAGTTCTTACTCT 5470
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Dean, Nicholas M.
Holmlund, Jon T.
Dorr, F. Andrew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATGTGTTCTTACTCT 4
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                                                        Description of Artificial Sequence:primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.2%;
   0.2%;
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   Score 13.4;
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Pred. No. 2.4e+03;
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   DB 1;
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Sequence 61, Application US/09705267A

Patent No. 6551876

GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Susan M. Preier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 61
LENGTH: 20
TYPE: DNA
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Lifton, Richard P.
APPLICANT: Chang, Sue S.
APPLICANT: Chang, Sue S.
APPLICANT: Chang, Sue S.
APPLICANT: Rossier, Bernard C.
ITITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions
ITITLE OF INVENTION: Resulting from Deficient Ion Transport such as
ITITLE OF INVENTION: Pseudohypoaldosteronism Type-1
FILE REFERENCE: 44574-5018-US
CURRENT APPLICATION NUMBER: US/09/380,836
CURRENT FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US/60/040,171
PRIOR APPLICATION NUMBER: US/60/040,171
PRIOR APPLICATION NUMBER: PCT/US/98/04681
PRIOR FILING DATE: 1997-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
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US-09-380-836-78
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US-09-705-267A-61/c
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                                                                                                                                     ) OTHER INFORMATION: Antisense Oligonucleotide US-09-705-267A-61
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Best Local &
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                                                                         Query Match
Best Local Similarity
                                                           Matches
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EQ ID NO 78
LENGTH: 20
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3081 CAGGTGTCTCATGTG 3095
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                                                         Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1;
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Pred. No. 2.4e+03;
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APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Sundrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXF
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 139
LENGTH: 20
TYPE: DIA
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US-09-705-267A-139/c
; Sequence 139, Application US/09705267A
; Patent No. 6551826
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        GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
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APPLICANT: Griffais, R.
APPLICANT: INFORMATION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnos
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-991
FILE REFERENCE: 9710-003-991
FILE REFERENCE: 9710-003-991
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LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                     5078 AGTGATGCTAACACT 5092
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Pred. No. 2.4e+03;
0; Mismatches 1
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Pred. No. 2.4e+03;
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US-09-198-452A-5083
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4959
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US-09-198-452A-4959/c
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                                                                                                                                      US-09-198-452A-5083
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APPLICANT: Griffals, R.
APPLICANT: INTEGRIFFALS, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5083
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
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                                                               Matches
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LENGTH: 20
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                                                                                                  Query Match
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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                                                                                                                                                TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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Similarity 93.3%;
14; Conservative
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Pred. No. 2.4e+03;
                                                                                Score 13.4; DB 1
Pred. No. 2.4e+03
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Pred. No. 2.4e+03
                                                                 Mismatches
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RESULT 3168

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Sequence 5676, Application US/09198452A

Requence 5676, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:
APPLICANT: Griffeis, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and TITLE OF INVENTION: thereof and uses thereof, in particular 1 TITLE OF INVENTION: and treatment of infection FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 5676
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; ORGANISM: Chlamydia pneumoniae US-09-198-452A-6598
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                                                                                                        Sequence 6598, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and TITLE OF INVENTION: thereof and uses thereof, in particular f TITLE OF INVENTION: and treatment of infection FILE REPERBNCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                   NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6598
LENGTH: 20
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LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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Best Local
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/198,452A CURRENT FILING DATE: 1998-11-24 NUMBER OF SEQ ID NOS: 6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Chlamydia pneumoniae
                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                     3804 GTCTCGGAGCTGCTG 3818
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Pred. No. 2.4e+(
0; Mismatches
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Pred. No. 2.4e+(
0; Mismatches
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US-09-808-358-7/c
RESULT 3173
US-09-679-299A-84/c
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SEQ ID NO 7
1. TRUCTURE DATE: 2001-03-15
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APPLICANT: TOSOH Corporation
TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using th
TITLE OF INVENTION: Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 7, Application US/09808358 Patent No. 6562955
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Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 164
SEQ ID NO 84
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 656613
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                       Query Match
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CURRENT APPLICATION NUMBER: US/09/808,358
CURRENT FILING DATE: 2001-03-15
                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION FILE REFERENCE: RTS-0187
CURRENT APPLICATION NUMBER: US/09/679, 299A
CURRENT FILING DATE: 2000-10-04
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Vickie L. B. APPLICANT: Hong Zhang APPLICANT: Andrew T. I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: oligonucleotide capable of binding specifically to trh1 and OTHER INFORMATION: trh2 or RNA derived therefrom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                         OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                             FEATURE:
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                                                                                                                                                      Local Similarity
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                                                                                                     TITTCTGCCCCACCT 3448
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                                                                                                                                      0.2%; Score 13.4; DB 1; Length 20; 93.3%; Pred. No. 2.4e+03; rive 0; Mismatches 1; Indels
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Pred. No. 2.4e+03;
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NUMBER OF SEQ ID NOS: 164

SEQ ID NO 84
LENGTH: 20
TYPE: DNA
CRGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-84
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US-09-081-385-112/c
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Best Local Similarity
Matches 14; Conserv
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TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
FILE REFERENCE: RTS-0187
CURRENT APPLICATION NUMBER: US/09/679,299A
CURRENT FILING DATE: 2000-10-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Vickie L. Brown-Driver
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
                                                                                                                                                                               CLASSIFICATION:
PRIOR APPLICATION NUMBER: 08/964,747
PILLING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
PILLING DATE: 06-NOV-1996
ATTORNET/AGENT INFORMATION:
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                         NAME: WU, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 220
TELECOMMUNICATION INFORMATION:
TELECHONE: 650-613-5600
                                                                                                                                                                                                                                                                                                                     SOFTWARE: FABUSEQ for Windows Version 2.0b CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/081,385 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Gatanaga, T.
APPLICANT: Granger, G.A.
TITLE OF INVENTION: Factor Receptor
TITLE OF INVENTION: of Use Thereof
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: MORR:
STREET: 755 PAGI
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible OPERATING SYSTEM: Windows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: CA
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755 PAGE MILL ROAD
                                                                             650-494-0792
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Pred. No. 2
                                                                                                                                      22000-20577.21
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nucleic acid

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; TOPOLOGY: linear 
US-09-081-385-112
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US-08-849-949-2
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Best Local Similarity 93.3
Matches 14; Conservative
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                                                                  Matches
                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 536
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: JP 6-313167
PRIUD DATE: 16-DEC-1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: JP 7-210739
                                                                                                                                                                                                                                                                                      FILING DATE: 18-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/JP95/02587
FILING DATE: 15-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meuth, Donna M.
REGISTRATION NUMBER: 36,607
REFERENCE/DOCKET NUMBER: 001560-300
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: KUROMA
                                                                                                                                                                                                                TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DDS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,949
PILING DATE: 16-JUN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: KUROMARU, KİYONOFİ
APPLICANT: KOISHIBARA, YASUO
TITLE OF INVENTION: HUMAN INTERLEUKIN-6 RECEPTOR EXPRESSION
TITLE OF INVENTION: INHIBITOR
NUMBER OF SEQUENCES: 11
                                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                   LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                  Local Similarity
                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Alexandria
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                                4086 TCCTTCCCATGCCTG 4100
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                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              United States
                                                                                                                                                                     linear
                                                                                                                                                     DNA (genomic)
                                                                               0.2%;
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                                                                                Score 13.4; DB 1;
Pred. No. 2.4e+03;
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Pred. No. 2.
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                                                                  Mismatches
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RESULT 3176

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                                                                                                                                                                                            Sequence 11, Application US/08849949 Patent No. 6596537
                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.2%; Score 13.4; Best Local Similarity 93.3%; Pred. No. 2. Matches 14; Conservative 0; Mismatche
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TELEPAX: (703) 836-2021
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PILING DATE: 18-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT
PILING DATE: 15-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meuth, Donna M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6
FILING DATE: 16-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 7
APPLICATION NUMBER: JP 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,949
                                                                                               APPLICANT: KUROMARU, KI
APPLICANT: KOISHIBARA,
TITLE OF INVENTION: HUN
TITLE OF INVENTION: INF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: KUROMARU, K:
APPLICANT: KOISHIBARA,
TITLE OF INVENTION: HUT
TITLE OF INVENTION: INI
                                                      NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 16 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: United ZIP: 22313-1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Alexandria
STATE: Virginia
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CITY: Alexandria
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                      STREET:
                                      ADDRESSEE:
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P.O. Box 1404
                      P.O. Box 1404
                                                                                                                                                         KUROMARU, Kiyonori
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    KUROMARU, Kiyonori
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                                      BURNS,
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                                                                                               RA, Yasuo
HUMAN INTERLEUKIN-6 RECEPTOR EXPRESSION
INHIBITOR
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                                      DOANE, SWECKER & MATHIS, L.L.P.
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HUMAN INTERLEUKIN-6 RECEPTOR EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WO PCT/JP95/02587
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                                                                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-825-497A-27
                                                                                                                                                                                                                                                                                                                                                              Sequence 27, Application US/09825497A
Patent No. 6599742
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Honkanen, Richard E.
APPLICANT: Dean, Nicholas M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODUATION OF HUMAN SERINE/THREONINE PROTITLE OF INVENTION: PHOSPHATASE GENE EXPRESSION
                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.1
SEQ ID NO 27
LENGTH: 20
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                                                           Query Match
Best Local Similarity
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FILING DATE: 15-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meuth, Donna M.
REGISTRATION NUMBER: 36,607
REFERENCE/DOCKET NUMBER: 001560-300
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
                                            Matches
                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/825,497A
CURRENT FILING DATE: 2001-04-06
NUMBER OF SEQ ID NOS: 42
                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: ISPH-0572
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                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 18-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 7-210739
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 y Match 0.2%; Score 13.4; DB 1; Local Similarity 93.3%; Pred. No. 2.4e+03; hes 14; Conservative 0; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: JP 6-313167 FILING DATE: 16-DEC-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PILING DATE: 16-JUN-1997
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: Virginia
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/849,949
    5602 TTTAAGTGGTGCTTC 5616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4086 TCCTTCCCATGCCTG 4100
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                                            Conservative
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                                        0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 2.4e+03; ative 0; Mismatches 1;
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                                            Indels
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                                            Gaps
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: KAWAI, SHIGETO
APPLICANT: KOISHIBARA, YASUO
APPLICANT: KOISHIBARA, YASUO
TITLE OF INVENTION: METHOD FOR DETECTION OR MEASUREMENT OF PLASMACYTOMA CELLS
FILE REFERENCE: 053466/0301
CURRENT APPLICATION NUMBER: US/09/787,375
CURRENT FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: PCT/JP99/04502
PRIOR APPLICATION NUMBER: JP 10-264593
PRIOR APPLICATION NUMBER: JP 10-264593
PRIOR FILING DATE: 1998-02-18
NUMBER OF SEQ ID NOS: 5
SOFTMARE: Patentin Ver: 2.1
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
COURSE TURDEMATTON: Description of Artificial Sequence: Forward primer for
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                                                                                                                                                                                                      US-09-689-065B-20
                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: PÉLZET PRODUCTS, Inc.
APPLICANT: PÉLZET PRODUCTS, INC.
TITLE OF INVENTION: LAWSONIA INTRACELLULARIS PROTEINS AND RELATED METHODS AND
TITLE OF INVENTION: MATERIALS
TITLE OF INVENTION: MATERIALS
TITLE OF INVENTION INMBER: US/09/689,065B
CURRENT APPLICATION NUMBER: US/09/689,065B
CURRENT FILING DATE: 2000-10-12
PRIOR APPLICATION NUMBER: US Prov. 60/160,922
PRIOR APPLICATION NUMBER: US Prov. 60/163,858
PRIOR FILING DATE: 1999-10-22
PRIOR FILING DATE: 1999-11-05
NUMBER: OF SEQ ID NOS: 112
SOUTWARRE DEFORTE: "CONTINUE OF SEQ ID NOS: 112
SOUTWARRE DEFORTE: "CONTINUE OF SEQ ID NOS: 112
                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.2
SEQ ID NO 20
LENGTH: 20
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                                                                                                Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.4e+03; Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 20, Application US/09689065B Patent No. 6605696
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Best Local Similarity
                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Lawsonia intracellularis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: Forward primer for OTHER INFORMATION: amplifying a part of DNA coding for HM1.24 antibody protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4548 CTGTTGGCCTTGAAG 4562
                                                 4286 TITCTTGCAAGTGCA 4300
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     TTTCTTGAAAGTGCA 16
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RESULT 3181 US-09-665-615B-59/c

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US-09-980-052-89
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                                                                                                                         RESULT 3183
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Synthetic Sequence US-09-665-615B-59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/665,615B
CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 09/290,640
PRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 179
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 59
GENERAL INFORMATION:
APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co.,
APPLICANT: KIM, Cheol Min
                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 155
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: PLOWMAN, GREGORY
APPLICANT: MARTINEZ, RICARDO
APPLICANT: WHYTE, DAVID
TITLE OF INVENTION: STE20-RELATED PROTEIN KINASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                             Sequence 89, Appli
Patent No. 6670130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 109, Application US/09688188B Patent No. 6656716
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                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: 038602/0328
CURRENT APPLICATION NUMBER: US/09/688,188B
CURRENT FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 09/291,417
PRIOR PILING DATE: 1999-04-14
PRIOR APPLICATION NUMBER: 60/081,784
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APPLICANT: Marcusson, Eric G.
APPLICANT: Wyatt, Jacqueline
TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
FILE REFERENCE: ISPH-0502
                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH: 20
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                                                                                                                                                                                                         5184 CATGTTCTCCACTTG 5198
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                                                                                                                                                                                  19 CATCTTCTCCACTTG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              15 AGAGCCTCTGGATGC 1
                                                                                                                                                                                                                                                              14;
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                                                                                Application US/09980052
                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                             0.2%;
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                                                                                                                                                                                                                                                            Score 13.4; DB 1; Length 20; Pred. No. 2.4e+03; O; Mismatches 1; Indels
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Pred. No. 2.4e+03;
0; Mismatches 1;
                      Ltd.
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; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae
US-09-980-052-89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-892-398-5/c
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SEQ ID NO 89
LENGTH: 20
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Patent No. 6673902
GENERAL INFORMATION:
APPLICANT: Hirai, Hiroshi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
FILE REFERENCE: PP05020/PCT
CURRENT APPLICATION NUMBER: US/09/980,052
CURRENT FILING DATE: 2001-11-28
FRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR FILING DATE: 1999-05-29
PRIOR PILING DATE: 1999-05-29
PRIOR FILING DATE: 1999-05-29
PRIOR FILING DATE: 1999-05-29
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PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR FILING DATE: 1999-05-29
PRIOR FILING DATE: 1999-05-29
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PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 243
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity 93.3%;
APPLICATION NUMBER: 09/280,590
FILING DATE: -Unknown:
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1340-1-002 N CP2
                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/892,398
FILING DATE: 27-Unn-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson,
STREET: 411 Hackensack Ave,
                                                                                                                                                 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: CYCLIN-D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3623 GGGTGGGGTGGGAG 3637
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                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Hackensack
                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: New Jersey
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Bodner, Sarah M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Inoue, Kazushi
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Pred. No. 2.4e+03;
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                                                                                                                                                                                                                                                                          Version #1.30
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RESULT 3186
US-09-291-417D-109/c
J Sequence 109, Application US/09291417D
Patent No. 6680170
GENERAL INFORMATION:
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US-09-730-212C-4
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GENERAL INFORMATION:
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                                                                     SOPTWARE: PatentIn Ver. 2.1
SEQ ID NO 109
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Florida Atlantic University
APPLICANT: Narayanan, Ramaswamy
TITLE OF INVENTION: COLON CANCER RELATED POLYNUCLEOTIDES
FILE REFERENCE: 6818-14
CURRENT APPLICATION NUMBER: US/09/730,212C
CURRENT FILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
                                                                                                                       APPLICANT: MARTINEZ, RICARDO
APPLICANT: MAYTE, DAVID
APPLICANT: MAYTE, DAVID
TITLE OF INVENTION: STE20-RELATED PROTEIN KINASES
FILE REFERENCE: 038602/0329
CURRENT APPLICATION NUMBER: US/09/291,417D
CURRENT FILING DATE: 1999-04-13
PRIOR APPLICATION NUMBER: 60/081,784
PRIOR PILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 155
                                                                                                                                                                                                                                                                                              APPLICANT: PLOWMAN, GREGORY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: homo sapiens
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OTHER INFORMATION: Description of Artificial Sequence: Primer
                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.2%;
Local Similarity 93.3%;
1es 14; Conservation
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Local Similarity 93.3%;
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MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     884 AGGCACAGCCAGTGA 898
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TYPE: nucleic acid
STRANDEDNESS: single
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Pred. No. 2.4e+03
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Pred. No. 2.4e+03;
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; ANTI-SENSE: yes
PCT-US94-07770-77
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                                                        Query Match
Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: FEBRUARY 22, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                     TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                   NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Oligonucleotide Modulation of NIMBER OF ENGENTION: Protein
                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: WORDPERFECT CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Nicholas Dean, C. Frank Bennett and APPLICANT: Russell T. Boggs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM ro. COMPUTER: IBM ro. COMPUTER: IBM ro. COMPUTER: PC-DOS COMPUTER: WORDPERFECT 5.1
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                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: singl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: herewi
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ZIP: 19103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION
                                                                                                                                                                                                      LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5184 CATGITCICCACTIG 5198
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16
   GATGGCCGGGCGCTC 2
                               GCTGGCCGGGCGCTC 22
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                                                              ; Score 13.4; DI
; Pred. No. 2.4e.
0; Mismatches
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                                                                             DB 1;
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                                                                                            Length 20;
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                                                              Indels
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                                                                  Gaps
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RESULT 3188 PCT-US94-09851-3/c

Sequence 3, Application PC/TUS9409851

GENERAL INFORMATION:

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PCT-US95-02311-3/c
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NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/44011-PCT
TELECOMUNICATION INFORMATION:
TELEPHONE: (212) 977-9550
TELEPHAX: (212) 664-0525
TELEPK: 42252 COD UI
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application PC/TUS9502311 GENERAL INFORMATION:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/02311
                                                                                                                                                                                                                                             TITLE OF INVENTION: ME
TITLE OF INVENTION: FU
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy (
COMPUTER: IBM PC com)
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APPLICANT: Tanzi, Rudolph E.
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
TITLE OF INVENTION: DISEASE GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                                    STATE: MA
COUNTRY: US
ZIP: 02173
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                                                                                                                                                                                           CITY: Lexington
                                                                                                                                                                                                          ADDRESSEE: HAMILTON, BROOK
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 10112
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5029 GAGGCAGCTCACTGG 5043
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          B: Cooper & Dunham
30 Rockefeller Plaza
                                                                                                                                                       USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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O
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.2%;
                                                                                                                                                                                                                                                                                  METHODS FOR IDENTIFYING INHIBITORS OF FUNGAL PATHOGENICITY
                                                                                                                                                                                                                            BROOK, SMITH & REYNOLDS, P.C
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Pred. No. 2.4e+03;
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                                                                                                                         PCT-US95-07111A-15
                                                     Best Local Similarity Matches 14; Conserv
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Best Local
                                                                                      Query Match
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                                                                                                                                                                                                                                                                                                CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,85
FILING DATE: MAY 31, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5
COMPUTER: 1BM PS/2
COPERATING SYSTEM: PC-DOS
SOFTWARE: WORDDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION UNMER: PCT/US9
PILING DATE: MAY 31, 1995
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                                                                                                                                                                                                                                                  TELEFAX: (609) 779-8488 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MYC93-08 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEPAX: (617) 861-9540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata STREET: 210 Lake Drive East, Suite 201
                                                                                                                                          TOPOLOGY: Line
                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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Local Similarity 93.3%;
es 14; Conservative 0
                                                                                                                                                                            TYPE: Nucleic Acid
STRANDEDNESS: Sing
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5936 CTGGGCTGGACTGCC 5950
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                                                     0.2%; Score 13.4; DB 1; ilarity 93.3%; Pred. No. 2.4e+03; Conservative 0; Mismatches 1;
                                                                                                                                                                Linear
                                                                                                                                                                                                                                                                                  (609)
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                                                                                                                                                                            Single
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Pred. No. 2.4e+03;
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                                                                                      Length 20;
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                                                       Indels
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                                                       Gaps
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CAGGGCTGGACTGCC 16

RESULT 3191 PCT-US95-08604-106/c

Sequence 106, Application PC/TUS9508604 GENERAL INFORMATION:

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RESULT 3192
PCT-US96-09388-20/c
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                         Sequence 20, Application PC/TUS9609388
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
                                                                                                                                                                                                                                    Query Match
Best Local !
                                                                                                                                                                                                                                                                                                                   FRAGMENT TYPE: internal ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Visible Genetics Inc.
APPLICANT: HSC Reasearch and Development Limitied Partnership
APPLICANT: Gallie, Brenda L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 01
FILING DATE: 08-JUL-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: genomic DNA HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS
        TITLE OF INVENTION:
                                                                                                                                                                                                                0.2%;
Local Similarity 93.3%;
Les 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                     NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
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                                                                                                                                                                     4588 TTGACTGTTCATTTT 4602
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1992 Commerce Street,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (914) 962-4330
Smith, Larry J.
/ENTION: Therapeutic Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                          SS: single
linear
                                                                                                                                                                                                                                                                                                     primer for exon 20 of human RB1 gene
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Method, Reagents and Kit for Diagnosis
Method, Reagents and Kit for Diagnosis
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Pred. No. 2.4e+03;
0; Mismatches 1
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5194596-22/c
;Patent NO. 5194596
;Patent NO. 5194596
; APPLICANT: TISCHER, EI
;C.;MITCHELL, RICHARD L.
;CITILE OF INVENTION: P
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INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
OFFICE OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF THE SECUENCY OF
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                                                                                                                                                                                                                                                                                                          SEQ ID NO:22:
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Matches
                                                                                                                 Query Match
Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 32
CURRENT APPLICATION DATA:
APPLICATION UNBER: US/07/450,883
FILING DATE: 14-DEC-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 387,545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet B.
REGISTRATION NUMBER: 36,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: (215)563-4100
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APPLICATION NUMBER: US 0
FILING DATE: 12-JUL-1994
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CORRESPONDENCE ADDRESS:
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CTTY: Philadelphia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: 07-JU
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                                                                                                                                                                                                                                                                                                                                       FILING DATE: 27-JUL-1989
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
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                                                                                                                                                                                                                                                                             LENGTH: 20
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                                                       2302 CAGCCTGGGATCACT 2316
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15
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1601 Market Street Suite
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           not relevant
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DNA (genomic)
                                                                                                                                              0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRODUCTION OF VASCULAR ENDOTHELIAL CELL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        EDMUND G.; ABRAHAM, JUDITH A.; FIDDES, JOHN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.2%; Score 13.4;
93.3%; Pred. No. 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US 08/379,180
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                                                                                                                    Score 13.4; DB 1;
Pred. No. 2.4e+03;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0;
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720
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
                                                                                                                                                                                  Length 20,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
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                                                                                                                           Gaps
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RESULT 3194
5219739-27/c
;Patent No. 5219739
;APPLICANT: TISCHER, EDMUND G.;ABRAHAM, JUDITH A.;FIDDES,
;JOHN C.;MITCHELL, RICHARD L.
; TOTILE OF INVENTION: DNA SEQUENCES ENCODING BVEGF120 AND
;HVEGF 121 AND METHODS FOR THE PRODUCTION OF BOVINE AND HUMAN
;VAASCULAR ENDOTHELIAL CELL GROWTH FACTORS, BVEGF120 AND HVEGF121

CURRENT APPLICATION DATA:
; NUMBER OF SEQUENCES: 40

CURRENT APPLICATION NUMBER: US/07/559,041

FILING DATE: 27-JUL-1990

PRIOR APPLICATION NUMBER: 450,883
;FILING DATE: 14-DEC-1989
;PRIOR APPLICATION NUMBER: 387,545
;FILING DATE: 27-JUL-1989
;SEQ ID NO:27:
;ELEGTH: 20

5219739-27

Query Match
Best Local Similarity 93.3*; pred. No. 2.4e+03;
Best Local Similarity 93.3*; pred. No. 2.4e+03;
Best Local Similarity 93.3*; pred. No. 2.4e+03;
Best Local Similarity 93.3*; pred. No. 2.4e+03;
Best Local Similarity 93.3*; pred. No. 2.4e+03;
Best Local Similarity 93.3*; pred. No. 2.4e+03;
Best Local Similarity 93.3*; pred. No. 2.4e+03;
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Best Local Similarity 93.3*; pred. No. 2.4e+03;
Best Local Similarity 93.3*; pred. No. 2.4e+03;
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Best Local Similarity 93.3*; pred. No. 2.4e+03;
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Best Local Similarity 93.3*; pred. No. 2.4e+03;
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Best Local Similarity 93.3*; pred. No. 2.4e+03;
Best Local Similarity 93.3*; pred. No. 2.4e+03;
Best Local Similarity 93.4*; pred. No.
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